

Preliminary Assessment Report Volume II of II

for

Capital Gas Light Company TXD 987991247 Austin, Texas

Prepared in cooperation with the U.S. Environmental Protection Agency

July 1994

PRELIMINARY ASSESSMENT REPORT

CAPITAL GAS LIGHT COMPANY

AUSTIN, TEXAS

TXD987991247

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PRELIMINARY ASSESSMENT NARRATIVE

site: Capital Gas Light Company

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INTRODUCTION

Under the authority of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) of 1980 and the 1986 Superfund Amendments and Reauthorization Act (SARA), the Texas Natural Resource Conservation Commission (TNRCC) has completed a Preliminary assessment (PA) of Capital Gas Light Company (EPA CERCLA Identification Number TXD987991247) in Austin, Travis County, Texas. The United States Environmental Protection Agency (EPA) Region VI retained TNRCC to complete this investigation under Multi-Site Cooperative Agreement II (MSCA II) Agreement No. V-006461-01-R. This document represents the final report for the PA. The purpose for this PA Report is to summarize conditions at the site based on the results of the PA.

Objectives of the Investigation

The PA is generally the first screening investigation in a series of site assessments that EPA may complete at a known or potential hazardous substance site that is being investigated under CERCLA/SARA prior to tits possible inclusion o the National Priorities List (NPL). The primary objectives of the PA are to:

- o Identify known or potential hazardous waste source areas at the site and evaluate the threat that migration or exposure of hazardous substances from the site may pose to human health and the environment; and
- o Collect information that can be used to assess the site using EPA's Hazard Ranking System (HRS) to help determine whether further investigation of the site under CERCLA/SARA is warranted to list the site on the NPL.

EPA will use the information obtained from the PA to help prioritize further work for the site. Based on the results, EPA may decide that additional investigation of the site is required or assign a No Further Remedial Action Planned (NFRAP) status to the site.

Scope of Work

The PA is a screening investigation of the site. The PA Scope of Work is focused on characterizing the site through the completion of limited site-related research and site reconnaissance

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activities. As part of this PA, TNRCC preformed the following major tasks:

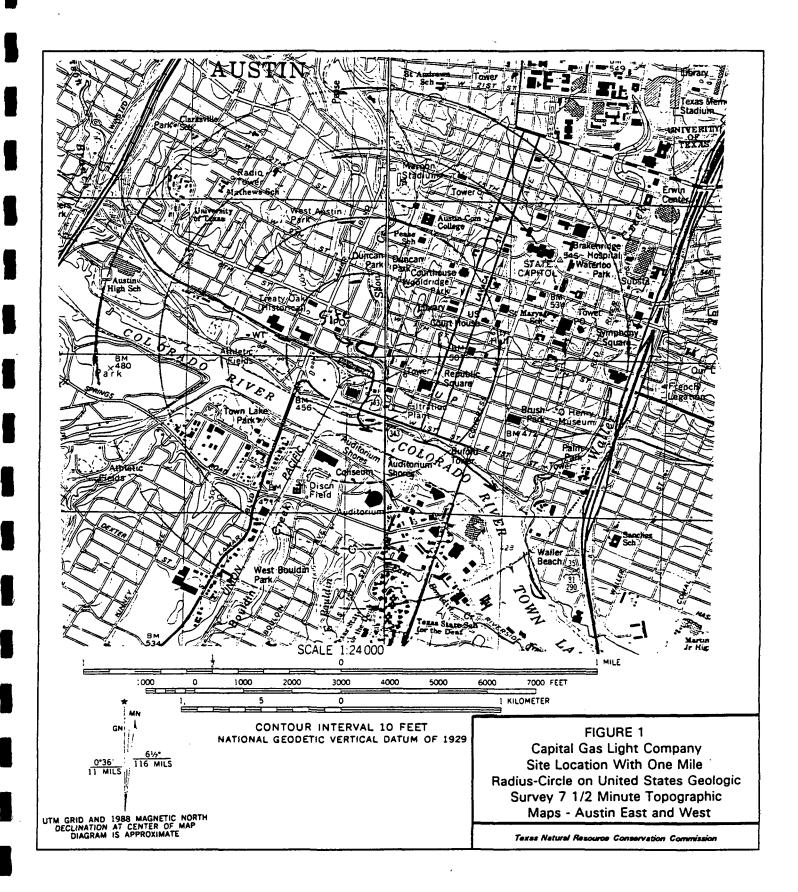
- o An on-site reconnaissance was performed to document current site conditions and identify potential sources of hazardous substances at the site. As part of the reconnaissance, a survey of the site's vicinity was completed to identify potential receptors of hazardous substances migration and potential exposure attributable to the site.
- o Information concerning the environmental setting of the site was obtained to describe the groundwater, surface water, soil exposure and air pathways.
- o Available regulatory compliance files from Federal, State and local government agencies were reviewed, and telephone interviews were conducted with authorities knowledgeable of the site and its surroundings.

I. Site Information

The site is at Latitude 30 16" 8'N, Longitude 97 45" 5' W at 805 West Fifth Street in the City of Austin, Travis County (Figure 1). The Preliminary Assessment site reconnaissance was conducted on April 14, 1994 (Ref. 52, Attachment B). The legal description of the site and survey sketch of the property lines are included in the warranty deeds and deeds of trusts in Reference 6, Attachment H, Document 2.

The site is approximately 2 acres, adjacent to Shoal Creek which joins the Colorado River approximately 1500 feet from the site, inactive and currently owned by Comerica, Incorporated. The location of the site was determined from researching state archives for city directories and the City of Austin History Center for historic Sanborn Fire Insurance Maps. The directories showed that the gas plant was in operation in 1885 and a 1889 San born map showed the gas plant as abandoned (Refs. 3 & 4). A complete history of operation for the gas plant was not possible. Other operations, such as a private contractor, a trucking company, two car dealerships, an automotive transmission repair shop, a possible ironworks, and an automotive paint and body shop, have conducted business on or adjacent to the site between the 1940's and the 1980's (Refs. 5 & 6).

This site is listed with Texas Natural Resource Conservation Commission (TNRCC) as a Petroleum Storage Facility (PST) where two leaking underground tanks have been removed (Refs 8 through 15).



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Some of the contamination from the sources at the site have been documented in different environmental assessments, some of which were required by the Petroleum Storage Tank program of the TNRCC. These assessments document the presence of organic compounds, such as benzene, toluene, ethyl benzene, xylene, and 1,1,1 trichloroethane, and metals, such as lead, chromium, and zinc in the subsoils at the site (Refs. 6 through 15).

Because the site is completely paved, there are no major pathways of concern.

II. Back ground/operating History

NOTE: All reference materials used in compiling this background information may be found in Attachment H in the chronological order in which it appears below.

Prior to January 1991, an Environmental Site Assessment (no date recorded on report) was performed by Environmental Engineering Services (EES), which contains an operating history, title search, and recommendations for sampling. (Ref. 6)

In January, 1991, a Level II Environmental Investigation Report by EES was performed. Seven boreholes were drilled at the site to a depth of 20 feet. A vapor analyzer was used and two samples per borehole were retained for analysis of potential hydrocarbons (Total Petroleum Hydrocarbons or TPH and Benzene, Toluene, Ethyl benzene, Xylene or BTEX). Samples for analysis were taken at the highest PID reading and at the bottom of each borehole. In addition, a near surface sample was taken for heavy metal analysis (total metals for chromium or Cr, lead or PB, molybdenum or Mo, and zinc or Zn).

Water table was encounter between 10 to 20 feet. One monitoring well was installed in borehole #3 to obtain a water sample, which was analyzed for TPH and BTEX.

Three sumps (1 & 2 are in Building C and 3 is across West Fifth) were analyzed for pH, Cr, Pb, Zn, TPH, and BTEX.

The results were:

- 1) BTEX (1.6 ppm) and TPH (13 to 19 ppm) concentrations were found in two of the boreholes (5 & 7);
- 2) soils were discolored and levels (23.9 to 268 ug/g) of lead were found at 0-4 feet;

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first 9 feet in one borehole is part of slag or detritus pile from a former ironworks plant at the site;

- 4) sumps contained TPH with Zn, Pb, Cr, xylene, and 1,1,1 trichloroethane; and
- 5) water sample contained nondetect levels of BTEX and TPH. (Ref. 7)

On April 8, 1991, a Phase II Environmental Due Diligence Review by James McNutt & Associates (JMA) was performed. JMA determined that:

- 1) EES's heavy metal results were determined to be naturally occurring, and that EES should have used Toxicity Characteristic Leaching Procedure (TCLP);
- an ironworks plant had not operated at the site, and that detritus, slag, or metal containing sand was not observed by EES but rather they had mistaken mica or feldspar chips for such.
- 3) hydraulic fluids were noted as not leaking;
- 4) sumps were used as oil and grease traps, and that the third sump was part of the City's waste water system. Contamination in the sumps has resulted from used waste oil and auto parts cleaning.
- 5) no leaky drums on northside of property were observed.
- 6) it was concluded that the six-30 to 60 gallon-hydraulic reservoirs did not need to be registered because they are too small, and that because the above ground tanks had secondary containment, the site needed no further regulatory action regarding these facilities. (Ref. 8)

On May 15, 1992, a Site Response Report and Remediation Proposal by JMA was made to the TNRCC. JMA reported on March 27, 1992, a rain event caused flooding of a storage area (at the west end of Building C), which was uncovered but bermed. An unquantified release to Shoal Creek occurred. The storage area contained 24 drums, fifteen 1-gallon used oil containers, and one 1,000-gallon AST, all containing used oil.

A company, Mobley, pumped the contaminated area. The smaller containers were poured in one 55-gallon overpack drum.

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The drums and the fluid collected by Mobley were sampled. Analyses were run for total organic halides (TOX) and RCRA metals. Mobley equipment was believed to have crossed contaminated the original samples and new samples were collected. Lead was found to be in excess (over 5 mk/kg). Elevated levels of TOX, 1,1,1 trichloroethane, acetone, tetrachloroethane, and BTEX, methylene chloride were found. (Ref. 16)

On October 13, 1992, a Site Response Report and Remedial Procedures (which is an update of the above 5/15/91 report) by JMA to Comerica, Inc. was made. The difference between this report and the previous is that there is added information regarding the fluids in drums recycled by Mobley and drums recycled by Dallas Steel. (Ref. 17)

On August 6, 1993, both a Limited Subsurface Investigation and a Phase I Environmental Site Assessment (Ref. 17) and Workplan & Cost Estimate for Site Remediation (Ref. 18) by Southwestern Laboratories (SWL) was generated for the Kucera Company. The SWL report included the following:

- the site was once a "pine knot" gasification plant located in the southwest corner and the gas storage tank was located in northwest corner of the site (south of W. 5th);
- 2) two 40-gallon used oil drums exists, one in Building B and one in C, both with hydrocarbon or hydraulic fluids, partially full;
- 3) six hydraulic lifts located in Building A, B, C service areas are also listed as PSTs; and
- 4) two buildings once located on north of West Fifth Street are no longer present. (Ref. 17 & 18)

On September 20, 1993, a Summary of Limited Subsurface Investigation Results by SWL was submitted to Comerica for the purpose of evaluating potential chemical impact to site shallow soils and ground water from two underground storage tanks, a chemical drum storage area, and a "town gas" processing facility formerly located at the site.

Installation and sampling of 4 soil borings/groundwater monitoring wells occurred. Analyses for ground water included: TPH, Volatile Organic Compounds (VOA), and TCLP metals. Analyses for soils included: TPH, VOA, metals (arsenic, barium, cadmium, Chromium, lead, mercury, selenium, silver), and total dissolved solids (normal - 537 to 710 mg/L). The results were:

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1) TPH was found at 1.5 feet, which indicated that shallow soil has been impacted;

- 2) lead concentrations in 3 of the wells were three times the drinking water standard of 0.5 mg/L;
- 3) chromium concentration in groundwater from one well is over two times the drinking water standard of 0.1 mg/L; and
- 4) VOAs were nondetect. (Ref. 19)

On November 11, 1993, a Repeat Groundwater Assessment Activities by JMA was reported. Repeated SWL sampling of the four wells, said the wells were not developed properly. Also, they <u>filtered</u> their metal samples. The results indicated that no contamination of groundwater (within standards) existed and recommended no further action. (Ref. 20)

On November 16, 1993, a Summary of Additional Water Sampling & Analysis was submitted to the Kucera Company (Comerica's agent) by SWL. SWL split samples with JMA (above 11/11/93 - concurred with this report) and also found that no detection or impact to groundwater. Their samples were <u>unfiltered</u>. (Ref. 21)

On December 13, 1993, an Invoice for Additional Groundwater Sampling & Drum Removal by SWL was submitted to the Kucera Company (an agent of Comerica). SWL recommended that soil removal impacted by the above ground storage tank and drum storage area, under a concrete slab, to be 55 cubic yards. (Ref. 22)

III. Waste Containment/Hazardous Substances Identification

The categories of wastes and/or containment areas of concern identified at this facility are as follows:

Gasification Plant

According to the Sanborn Insurance maps, the gasification plant should be in the southwest portion of the site (Refs. 3 & 4, Photograph 2). Size of the gasification plant storage area is estimated from the Sanborn maps as to be 1257 square feet with a depth of 9 feet (Ref. 6), which gives a volume of 11,313 cubic feet.

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Borings and wells have been drilled adjacent and down gradient from this area (Refs. 7 & 19, Photographs 3 and 4). The evidence is inconclusive as to whether or not contamination from the plant exists because it is unclear if the correct type of contaminates have been analyzed for when samples were collected.

SWL suggests that waste sludge generated from the gasification plant would contain VOAs, and other organic chemicals (Ref. 18). In their September 20, 1993 assessment of the site, SWL's results showed that TPH was found at 1.5 feet at depth, lead concentrations in 3 of the wells were three times the drinking water standard of 0.5 mg/L, chromium concentration in groundwater from one well is over two times the drinking water standard of 0.1 mg/L, but VOAs were nondetect. (Ref. 19)

Conflicting reports exist as to what kind of gasification plant operated at the site. A 1993 report by Radian (also referenced in a SWL report - Ref. 18) regarding another Austin gasification plant states that the plant at this site utilized pine knots (Ref. 23 & 24). In a 1985 national survey performed by Radian for EPA (Ref. 25), the plant was listed as utilizing coal. Sampling and analyzing for the correct constituents would be affected by this information.

Sumps (2)

In EES's January 1991 investigative report, samples from two sumps in Building C, each 500 gallons, were analyzed and found to contain TPH (4600 & 56,000 mg/L), Zn (36.3 & 46.3 mg/L), Pb (1.9& to 1.9 mg/L), Cr (0.92 & 0.98 mg/L), xylene (1.2 & 12.8 ug/g), and 1,1,1 trichloroethane (0.65 ug/g) (Ref. 7). Sump #2 is shown in Photographs 7 and 8, and Sump #1 is shown in Photographs 9 and 10.

Former Waste Oil and Paint Storage Area

On December 13, 1993, SWL recommended that soil removal impacted by the above ground storage tank and drum storage area, under a concrete slab, to be 55 cubic yards (Photograph 1) (Ref. 22). From site map (Ref. 8), storage area is 17 feet by 6 feet with a depth of 9 feet (Ref. 6). Volume is 918 cubic feet. No samples have been collected to determine contaminant concentrations. Contaminants of concern are TOX, 1,1,1 trichloroethane, acetone, tetrachloroethane, and BTEX, methylene chloride, which were found in samples from the drums removed off site (Ref. 22).

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Miscellaneous Sources Not Included

Six hydraulic lifts also exist at the site in Buildings A, B, and C (Ref. 8, Photographs 18 thru 26). These each contain a reservoir quantity of 30 to 60 gallons. Since the types of contaminates associated with hydraulic lifts is accounted for in the other sources of contamination, these lifts were not included as a main source.

In addition, a wash bay area (Photographs 5 and 6) was observed. Evidence of paint being sprayed out the wash bay window and covering the outside of Building C was observed (Photographs 14 and 15). The types of contaminates associated with the Wash Bay area is accounted for in the consideration of the Waste Oil and Paint Storage Area. The Wash Bay area was not included as a main source. It is also to be noted that vegetation did not appear to be stressed along Shoal Creek outside Building C (Photographs 14 thru 17).

Releases from Underground Storage Tanks or removals of contaminated soil due to an underground storage tank release are not considered within the scope of Superfund/CERCLA, and thus, are not included in the PA process.

IV. Ground Water Pathway Characteristics

Regional Geology

Underlying the site are older Cretaceous aged deposits which have been grouped in the Trinity, Fredericksburg, and the Washita (Ref. 26).

The relevant geologic portion of the Trinity for the site is the Glen Rose Formation. The Glen Rose is divided into the upper and lower members, and consists of massive, fossiliferous limestone and dolomite to thin beds of limestone, shale, marl, anhydrite, and gypsum. The Glen Rose Formation may vary in thickness from 500 feet to over 900 feet. (Ref. 27)

The Fredericksburg Group is comprised of the Walnut Formation, Comanche Peak Limestone, Edwards Limestone, and Kiamichi Formation. The Walnut and Kiamichi Formations are approximately 120 and 10 feet thick respectively, and consists of hard and soft limestone, marls, clays, and shell beds. Both yield little or no water in Travis County. (Ref. 27)

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The Commanche Peak Limestone consists of marly, grayish-white limestone containing nodules and fossils. It ranges in thickness from 20 to 60 feet. It is not known to be present on the southside of the Colorado River. It yields little to no water. (Ref. 27)

The Edwards Limestone outcrops extensively within the Balcones fault zone east of the Mount Bonnell fault and caps the high topography in the west portion of Travis County. The outcrop is considerably wider in Williamson and Bell Counties as well as in Hays County than it is in Travis. In Travis, a combination of intense faulting and large topographic variation has narrowed the aquifer exposure. In places on the north side of the Colorado River in Austin the outcrop has been completely removed by The Edwards consists of 200 to 360 feet of brittle thick-bedded to massive limestone, commonly dolomitic, containing minor beds of shale, clay, and siliceous limestone. Beds cherts Honeycomb limestone and solution-collapse zones are also common and represent smallto large voids, interconnected, from which shell material has been dissolved. Commanche Peak, Edwards, Kiamichi, and Georgetown Formations comprise the Edwards Aquifer, and is approximately 250 to 450 feet thick where fresh to slightly saline water occurs. (Refs. 27 & 28)

The Washita Group is divided into the Georgetown Formation, Del Rio Clay, and Buda Limestone. The Georgetown is a fine-grained limestone and yields small amounts of usable water. The Del Rio Clay is approximately 75 feet thick and consists of clay and marl with gypsum, pyrite, and a few thin siltstone and sandstone beds. It is considered to be the upper confining bed for the Edwards Aquifer. The Buda Limestone is approximately 50 feet thick, and is comprised of massive, fine-grained , burrowed, shell-fragmented limestone. It is not known to yield water in Travis County. (Ref. 27)

At the surface, the geology of the site consists of recent aged alluvium deposits of unconsolidated clay, silt, sand and gravel known as Lower Colorado River terrace deposits (Ref. 26). The alluvium thickness is approximately 20 feet.

Regional Hydrogeologic Setting

The Edwards Aquifer is a source of water for areas in south and west Austin, and the principal source of water for areas in Georgetown and Roundrock (Ref. 27). The Edwards Aquifer is approximately 100 to 200 feet below the surface at the site. (There are no Edwards wells near the site on the north side of the river which would provide the exact depth to the Edwards.) In addition, Barton Springs, a significant natural feature in the Edwards

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Avenue and West Fifth Street bridges. Shoal Creek enters the Colorado River approximately 1500 feet downstream from the site.

A United States Stream Gaging Station, #08156800, exists upstream of the site at 12th Street and Shoal Creek. The average discharge rate of Shoal Creek has been reported as being 6.88 cubic feet per second (Ref. 48)

The site is located in the 100 year flood plain of Shoal Creek (Ref. 38), and in an area of Texas which averages 32 inches of precipitation a year (Ref. 23).

VI. Air Pathway Characteristics

There were no air samples taken at the site. No air contamination has been documented.

The wind rose diagrams (Ref. 23) in Figures 1 thru 4 in Attachment G indicate that the predominate wind direction for Travis county is generally from the south.

VII. On-Site Pathway Characteristics

The site is completely fenced by a chain-linked fence. The site is situated in downtown Austin in a light industrial area where automobile maintenance shops and dealerships, and restaurants are located.

Shoal Creek forms the west and southwest boundary to the site. West and West Fifth Street form the east and north boundaries of the property.

A. Ground Water Targets

There is no indication that ground water of the Edwards Aquifer nor of the Alluvium Aquifer on the southside of the Colorado River have been affected or could be affected due to the hydrogeology of the area (see above).

The evidence from the monitoring wells on site are inclusive as to whether there has been a release to the shallow alluvium ground water. Figures 5 and 6 in Attachment G show discharge rates and stage heights for Shoal Creek for 1993. Consultants sampled the ground water at the site on August 6, 1993 (Ref. 18) and on November 11, 1993 (Ref. 20). Because contaminates were found in the first sampling event and not the second, earlier flood events may have affected the results. In addition, the samples were unfiltered the first time and filtered the second. The JMA

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consultants claim, however, that the wells were not properly developed the first time. In any case, and even though there are no domestic nor private wells in the Alluvium, water from this aquifer may be discharged into Shoal Creek, and thus, contamination to the shallow ground water would be of concern.

There are no wells on the site nor between 0.0 to 0.25 miles from the site.

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From 0.25 to 0.50 miles from the site, 1 domestic well (which is in the Edwards) and 5 secondary wells (in the Alluvium which are used as by the City for irrigation only on the southside of the Colorado River).

From 0.50 to 1.00 mile, no public supply or domestic wells were found, only 3 secondary-use type wells were determined. From 1.00 to 2.00 miles from the site, 1 public supply well which serves 400 people, 6 domestic wells, and 8 springs (most Edwards, but some could be Glen Rose) were found.

From 2.00 to 3.00 miles, 4 public supply wells serving a total of 383 people, 9 domestic wells and 4 springs were located (most Edwards but some could be Glen Rose).

From 3.00 to 4.00 miles, 1 public supply well serving 25 people, 26 domestic wells, and 8 secondary use-type wells or springs were located.

The nearest (1.35 miles) well is 58-42-928 owned by (b) (6) and which is in the Edwards with a total depth of 303 feet.

All the supply wells mentioned above are under the well-had protection program (Ref. 31), and the number of people served was obtained from the Water Utilities Division of the TNRCC (Ref. 32).

All well logs within the 1 mile radius of the site are included as Attachment F.

B. Surface Water Targets

The site is capped either by a paved parking lot or covered building. Releases from the alluvium which the site is situated upon would occur to Shoal Creek, a perennial water body, which is adjacent to the site, and forms the west and south boundaries of the site. Shoal Creek joins the Colorado River approximately 1500 feet downstream from the site. The average flow rate for Shoal Creek is 6.88 cfs, and for the Colorado River, it is 1460 cfs (Ref. 48).

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There are no surface water use permits for drinking water within the 15-mile target distance downstream of the site (Ref. 46).

The Colorado River is a primary fishery for the Austin area, and both Shoal Creek and the Colorado River contain nationally designated wetlands (Ref. 41 thru 45). Some endangered or threatened species that may be located within a 4-mile radius or 15 miles downstream of the site are Dennnndroica chrysoparia (Golden-Warbler), Vireo atricapillus (Black-capped Micropterus treculi (Guadalupe Bass), Notropis buccula (smalleye shiner), and Thamnophis sirtalis annectens (Texas Garter Snake). Several other threatened and endangered species and natural communities are listed by the Texas Parks and Wildlife Department (Ref. 40). The Texas Department of Health, Shellfish Division, was contacted for health advisory information regarding the Colorado River, and none has been issued regarding the contaminates at the site (Ref. 39).

C. Soil Exposure Targets

No residences, school or daycare were identified within 200 feet of the site. There are no workers on site.

The site is in a commercial area where automotive dealerships and private- and city-owned vehicle repair and maintenance shops exist. The site is abandoned, but it was observed during the TNRCC PA site inspection that homeless people may be sleeping in some of the buildings (Ref. 47).

As described for surface water targets, threatened and endangered species and natural communities are listed by the Texas Parks and Wildlife Department for downstream areas to the site (Ref. 40).

D. Air Targets

The air pathway is not active. No observed or reported releases since waste oil and paint drums were removed in late 1988. No releases of hazardous substances or reports of adverse health effect have been documented.

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- 19. Howden, Jim, Southwestern Laboratories Services, to Joel Sher, The Kucera Company. Letter. <u>Summary of Limited Subsurface Investigation Results, 805 West Fifth Street, Former Austin Toyota Facility, Austin, Texas</u>. September 20, 1993. (Attachment H, Document 7.)
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Date: July 1994

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Date: July 1994

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 Designated Wetlands . Provisional Edition 1984. 1
 page. (Attachment I, Map 10.)
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 Minute Series. <u>Topographic Map with Nationally Designated Wetlands</u>. Provisional Edition 1984. 1 page.
 (Attachment I, Map 12.)
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APPENDIX A

APPENDIX A

OMB Approval Number: 2050-0095 Approved for Use Through: 1/92

PA Scoresheets

Site Name: CAPITAL GAS LIGHT CO.

CERCLIS ID No.: TXD 98799 1247

Street Address: 805 West F; FTH STREET

City/State/Zip: Austin, 7X 18703

Investigator: PIANE POTEST

Agency/Organization: SSDAT /TNRCC

Street Address: PARK 35 , BLDG. D

City/State/Zip: Austin, 7X 78753

Date: MAY 17, 1954

GENERAL INFORMATION

Site Description and Operational History:

The site is at Latitude 30 16° 8'N, Longitude 97 45° 5' W at 805 West Fifth Street in the City of Austin, Travis County. The Preliminary Assessment site reconnaissance was conducted on April 14, 1994 (Ref. Attachment B). The legal description of the site and survey sketch of the property lines are included in the warranty deeds and deeds of trusts in Reference 6, Attachment H, Document 2.

The site is approximately 2 acres, inactive and currently owned by Comerica, Incorporated. The location of the site was determined from researching state archives for city directories and the City of Austin History Center for historic Sanborn Fire Insurance Maps. The directories showed that the gas plant was in operation in 1885 and a 1889 San born map showed the gas plant as abandoned (Refs. 3 & 4). A complete history of operation for the gas plant was not possible. Other operations, such as a private contractor, a trucking company, two car dealerships, an automotive transmission repair shop, a possible ironworks, and an automotive paint and body shop, have conducted business on or adjacent to the site between the 1940's and the 1980's (Refs. 5 & 6). This site is listed with Texas Nataural Resource Conservation Commission (TNRCC) as a Petroleum Storage Facility (PST) where two leaking underground tanks have been removed. Nine different environmental assessments have been performed at the site where organic compounds, such as benzene, toluene, ethyl benzene, xylene, and 1,1,1 trichloroethane, and metals, such as lead, cromium, and zinc have been found to be present in the subsoils. The site is adjacent to Shoal Creek, which joins the Colorado River approximately 1500 feet from the site. Major pathways of concern are surface water and soil exposure from documented tank containment areas seepage and spills of organic compounds and metals.

Probable Substances of Concern:

(Previous investigations, analytical data)

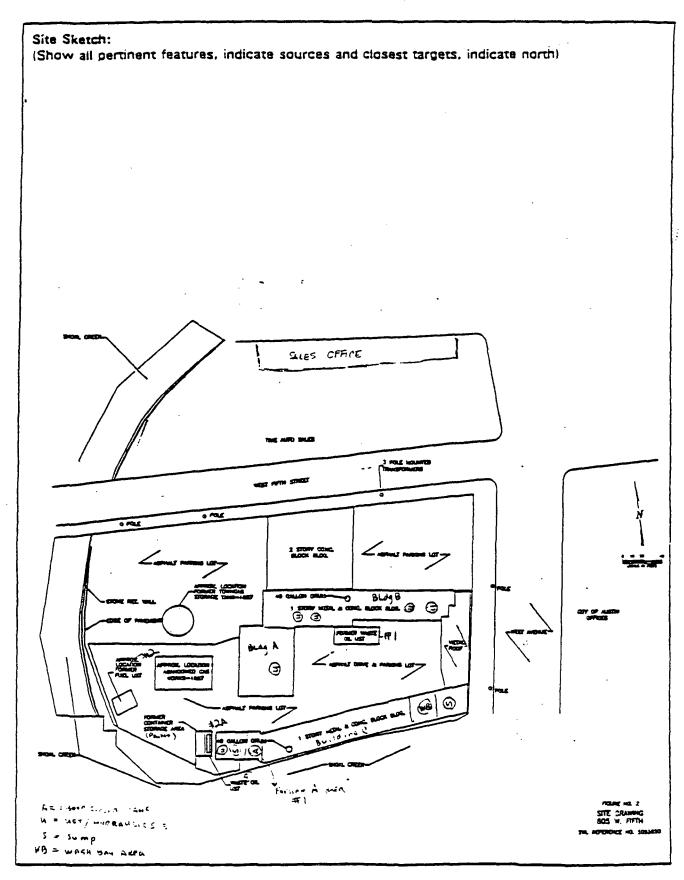
Gasification Plant - According to the Sanborn Insurance maps, the gasification plant should be in the southwest portion of the site (Refs. 3 & 4, Photograph 2). Borings and wells have been drilled adjacent and down gradient from this area (Refs. 7 & 19, Photographs 3 and 4), but the evidence is inconclusive as to whether or not contamination from the plant exists. There is also conflicting reports as to what kind of gasification plant may have operated at the site. A report by Radian (also referenced in a SWL report - Ref. 18) regarding another Austin gasification plant states that the plant at this sits utilized pine knots (Ref. 23 & 24). In a national survey performed by Radian for EPA (Ref. 25), the plant was listed as utilizing coal. Contaminates for both or either may not have been properly analyzed when water or soil samples were collected. SWL suggests that waste sluge generated from the gasification plant would contain VOCs, and other organic chemicals (Ref. 18).

Lead (and other metals?) Contaminated Soil - During the removal a 2000-gallon underground storage tank, the tank was torned (Photograph 2). No regulatory authority was present, but this is believed to be the source for the lead contaminated soil (over 1000 ppm). Cr and other metals may also be other possible contaminates in the soils, however, the evidence is inconclusive (Ref. 9 & 11).

Sumps (2) - After sumps were sampled by EES, they were found to contain TPH with Zn, Pb, Cr, xylene, and 1,1,1 trichloroethane (Ref. 7). Sump #2 are shown in Photographs 7 and 8, and Sump #1 are shown in Photographs 9 and 10.

Former Waste Oil and Paint Storage Area - On December 13, 1993, SWL recommended that soil removal impacted by the above ground storage tank and drum storage area, under a concrete slab, to be 55 cubic yards (Photograph 1). Elevated levels of TOX, 1,1,1 trichloroethane, acetone, tetrachloroethane, and BTEX, methylene chloride are possible contaminates to be present. (Ref. 22)

GENERAL INFORMATION (continued)



SOURCE EVALUATION

Source No.:	Source Name: Sumps	Source Weste Quantity (WQ) Calculations:
Source Description 2 SUMPS	in Building C	· ·
Sample Res	ults: TPH, Zinc, Lead, xylene, 1,1,1, tri-	
EACH SUMP	= 5∞ gallons	
POTAL= 100	O GALLONS	Low

Source No.:	Source Name: WASTE OIL STORAGE ARRA	Source Waste Quantity (WQ) Calculations:
Source Cesting	35 F+ to Creek Bank 7	
0	312 Ft Long concrete pad - 17 Ft	
6 F+ 0	uide concrete pad	
Soil depth	h=9ft possibly contaminated	
TOX, 1,1,1	TRUCHLORD ethane, BTEX, Chloride	Low

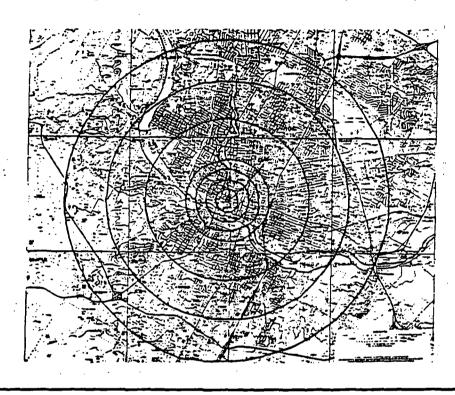
Source Na.:	Source Name: GAS PLANT STORAGE TANK	Source Weste Quentity (WQ) Calculations:
Source Description	#	
TANK ARE	?A =	
r=3	$\pi(40)^{2} = 1257 ft^{2}$ $1257 \times 9 = 11313$ $1257 \times 9 = 17313$	Low

Size WC: Low

GROUND WATER PATHWAY GROUND WATER USE DESCRIPTION

Describe Ground Water Use Within 4-miles of the Site:

(Describe stratigraphy, information on aquifers, municipal and/or private wells)



See AttACH MONTF FOR MOTTE Details

Calculations for Drinking Water Populations Served by Ground Water:

GROUND WATER PATHWAY SCORESHEET

	Postway Characteristics			7
Da y	you suspect a release (see Ground Water Pathway Critena List, page 7)?	Ye	No_	7
1	le site located in karst terrain?	Ye	No 1/	. [
1	th to aquifer:		70	۲
Uista	ance to the nearest drinking water well:		1.35	2
		A		_
LIKELIHOOD (OE DEI EASE	Supercod	No Supposed	1
CREDITOCO .	OF RELEASE	(APP	Release	References
	RELEASE: If you suspect a release to ground water (see page 7),			
assign a sco	are of 550. Use only column A for this pathway.			
2. NO SUSPEC	TED RELEASE: If you do not suspect a release to ground water, and		NO	,
	t karst terrain or the depth to aquifer is 70 feet or less, assign a score		700	
of 500; other	erwise, assign a score of 340. Use only column 8 for this pathway.	-		
				
	់	· - [<u></u>	. L
TARGETS				
IANGE 15				
	ARGET POPULATION: Determine the number of people served by			
	ter wells that you suspect have been exposed to a hazardous	174 - 1		~ 7
SUBSTAINCE IF	om the site isee Ground Water Pathway Critical Cixt, page 7).			
-	· · · · · · · · · · · · · · · · · · ·			
	Y TARGET POPULATION: Determine the number of people served by		Car wast, year	
_	ter wells that you do NOT suspect have been exposed to a hazardous from the site, and assign the total population score from PA Table 2.			
		·- · · ·	1	
•	Iny wells part of a blended system? Yes No VNo LNo V	-	Low	}
		- CHARLES	-	
	ELL: If you have identified a primary target population for ground		Low	
	n a score of 50; otherwise, assign the Nearest Well score from			
		32 4.00	-	
	PROTECTION AREA (WHPAI: If any source lies within ocabove a WHP		1	
•	re idantified any primary target well within a WHPA, assign a score of 2 either condition holds but a WHPA is present within 4 miles; otherwise	-	- HOWE.	
assign zero.	Sales and seems that a see a title of the property to the see of the seems of the s	5-4	-	i
RESQUACES	•			l·
•	entertification of process of the contract of	- . "		
· · · · · · · · · · · · · · · · · · ·	The state of the s	´-L	LOW	1
ASTE CHAR	ACTERISTICS	• • • • • • • • • • • • • • • • • • • •	, · · · · ·	•
-		-		·
	ve identified any primary target for ground water, assign the wasts	- 31		
	istics score calculated on page 4, or a score of 32, whichever is		5	-
		1944	1900,000	
•	ve NOT identified any primary target for ground water, assign the	ore kilomete san		
water cu	aracteristics score calculated on page 4.	- L 12		Ī
			Low	1
	wc	-	Low	1
				T
· ********* = 0,= #G! (NP 14/4 *	TER PATHWAY SCORE:	- (majorit to a n	- 1001	1
MAN UNUCA	TER PATHWAY SCORE:	- Fine Lo	<i>(1)</i>	
	92.300		~ j	

Site Name: Date:

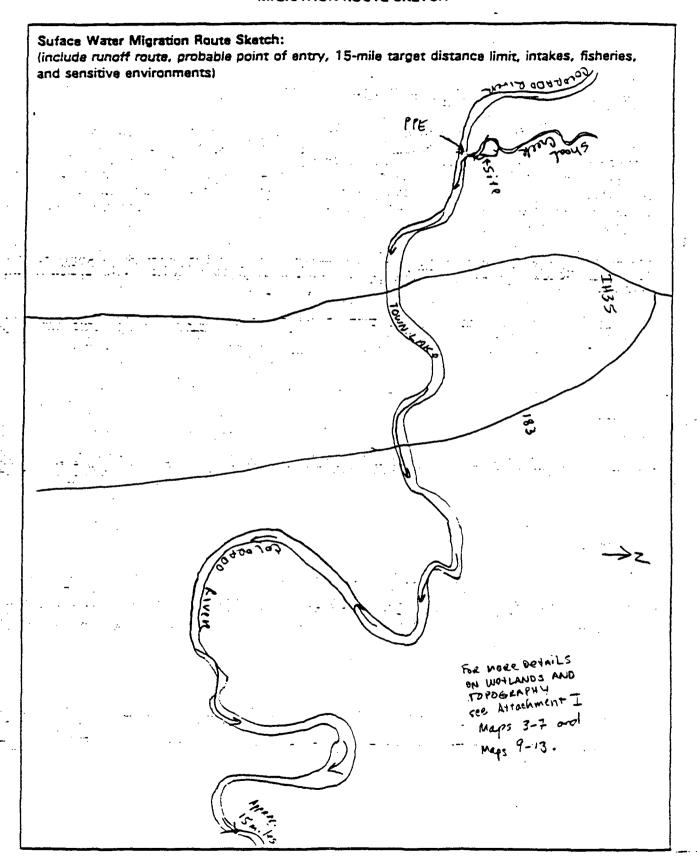
SECONDARY GROUND WATER TARGET POPULATION Non-Karst Aquifers ALLuvium

		Nearest Well
Distance from Site	Population	
O to ¼ mile	0	•
>% to % mile	0_	
>% to 1 mile	0_	
>1 to 2 miles	0	}
>2 to 3 miles	0	
>3 to 4 miles	0	•

Karst Aquifers Edwards

		Nearest Well
Distance from Site	Population	
O to % mile	0	
> 1/2 to 1/2 mile	2.4	
>½ to 1 mile	0	
>1 to 2 miles	4/6.8	×
>2 to 3 miles	414.2	·
>3 to 4 miles	87.4	

SURFACE WATER PATHWAY MIGRATION ROUTE SKETCH



SURFACE WATER PATHWAY CRITERIA LIST					
SUSPECTED RELEASE	PRIMARY TARGETS				
SUSPECTED RELEASE Y N U o n s k ls surface water nearby? Is weste quantity particularly large? Is the drainage area large? Is rainfall heavy? Is the infiltration rate low? Are sources poorly contained or prone to runoff or flooding? Is a runoff route well defined (e.g., ditch or channel leading to surface water)? Is vegetation stressed along the probable runoff route? Are sediments or water unnaturally discolored? Is wildlife unnaturally absent? Is wildlife unnaturally absent? Is ground water discharge to surface water been observed? Is ground water discharge to surface water suggest surface water contamination?	PRIMARY TARGETS Y N U O n S k D lis any target nearby? If yes: Drinking water intake Fishery Sensitive environment Has any intake, fishery, or recreational area been closed? Does analytical or circumstantial evidence suggest surface water contamination at or downstream of a target? Does any target warrant sampling? If yes: Drinking water intake Fishery Sensitive environment Other criteria? PRIMARY INTAKE(S) IDENTIFIED? PRIMARY SENSITIVE ENVIRONMENT(S): IDENTIFIED?				
Other criterie?	A Property of the second secon				
SUSPECTED RELEASE?					
Summarize the retionale for Suspected Release lattach an- additional page if necessary): There-is accumentation Nhat a release recurred at the site from a drum Stonact and Itemores; the some has been vemond. Site is Completely paved over.	Summarize the rationale for Primary Targets (attach an additional page if necessary): Uslando Runer Town Lahre				

SURFACE WATER PATHWAY LIKELIHOOD OF RELEASE AND DRINKING WATER THREAT SCORESHEET

	Pethw	ON Characters Do				~	
	Do you suspect a release (see Surface Water P Distance to surface water:	athway Criteria	List, page 1117	Yes	No //	Ī	
	Flood frequency: What is the downstream distance to the neare: Nearest fishery? 415 miles Nearest sen	st dnnkng watt	er intake? <15	_mies	Sas yes		
							
	·• •			A	В		
	MET 11.000 OF SET EACE		•	Suspected	No Suspected		
يتے	XELIHOOD OF RELEASE			Release	Resease	Reference	<u>~</u>
1.	SUSPECTED RELEASE: If you suspect a release to surassign a score of 550. Use only column A for this pat		page Tff.				
,	NO SUSPECTED RELEASE: If you do not suspect a ref	leaso to surface			107 406,300 - 100		
•	water, use the table below to assign a score based on						
İ	water and flood frequency. Use only column 8 for this	s pathway		,	4/2		
		1 1			/ V		
	Distance to surface water ≤ 2,500 feet	500					
	Distance to surface water > 2,500 feet, and	 			·		
	Site in annual or 10-year floodplain Site in 100-year floodplain	400	ta a standard to the standard			;	-
	Site in 500-year floodolain	300			-	•	
	Site outside 500-year floodolain	100					
	3/18 00/3/06 300-7 02/ //0000/2///						•
	·			(1946)	.651.653.250553		
			LR =		LOW		
		• •	-		لـــــــــــــــــــــــــــــــــــــ		· ·
~	INKING WATER THREAT TARGETS		••		-		-
	MINNING WATER THREAT TANGETS						
3.	Record the water body type, flow (if applicable), and n						•
	by each drinking water intake within the target distance						
	drinking water intake within the target distance limit, it each receive zero scores.		10				·
	· · · · · · · · · · · · · · · · · · ·	Row /	Server 1				
	Motor Body Type N / A		3270				- ::
	L	cts	·				
		cts	l'			:	
		cts					
4	PRIMARY TARGET POPULATION: If you suspect any	deninari water i	etaka lietari				
╼.	above has been exposed to a hazardous substance from					-	
	Patriway Criteria List, page 111, list the intake name(s)		1	N/A			
	score based on the total population served.			$r_f r$			
	*	•		•			
		·	people x 10 =				
5.	SECONDARY TARGET POPULATION: Determine the	number of peop	de served by Time	بمنويم وجوا		:	
	drinking water intakes that you do NOT suspect have b	been exposed to	a hazardous -:	اعتادات المعلقة الم	.22322 12		
	substance from the site, and assign the total population	n score from P/	Table 3			· -	
					الدا		
	Are any intakes part of a blended system? Y	es Na	_ `		۸/۸		
	If yes, attach a page to show apportionment ca	iculations	_		/ <i>!</i>		
			ł	E- 132125.20;	AS. to Li. a val		•
6.	NEAREST INTAKE: If you have identified a primary tar			٠	111		•
	dinking water threat (factor 4), assign a score of 50; of	-	1	<u>-</u> .	M/3	-	
	Nearest Intake score from PA Table 3. If no drinking w			:	- 		
	the target distance limit, assign a score of zero.	· 돌아 하이:	<u></u>	E & 61	,,,,		
7.	RESQUECES		į				
	·.		т -		I J/A		
			1 - 1				-

SECONDARY SURFACE WATER TARGET POPULATIONS

Surface Water Body Flow Characteristics (see PA Table 4)	Population	Nearest Intake
1284 by 19794 -1	ropulation	
<10 cfs	N/A	•
10 to 100 cfs	- 11	
> 100 to 1,000 cfs	<u>''</u>	
> 1,000 to 10,000 cfs		
> 10,000 cfs or	el .	
Great Lakes		
3-mile Mixing Zane		

SURFACE WATER PATHWAY (continued) ENVIRONMENTAL THREAT SCORESHEET

	ELEASE			Retares	Haters	Ref
		LR -	(SAM)	No		
	7,0017 740077	• • •	·		- a.	
NVINONMENTAL	THREAT TARGETS					
		picable) for each surface water				
		ance limit (see PA Tables 4				
	one sensitive environment. Gets score of 0 at the both	within the target distance				•
	400 300 C C C C C C C C C C C C C C C C C					
Environment Name		Water Body Type Row				*
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COLORAG	D PIPER_	WE+LANDS 1460			17"	
<u> </u>			cfs			
			cfs .			
			_cts			41
CONTAIN CONTRACT	WE SHUIDON ASHTE.				:	= =
	•	ou suspect any sensitive environzardous substance from the site		-		
		a a score of 300 and do not eva	. 1	3···		•-
	e primary sensitive environ	•				
	•	•		•		
			ا -			
-			ر -			
. SECONDARY SEN	SITIVE ENVIRONMENTS:	If sensitive environments are	- 	, ingr		-1.
SECONDARY SEN present, but none	SITIVE ENVIRONMENTS: is a primary sensitive envi	If sensitive environments are ronment, evaluate Secondary	- 	e despris	in the	-1.
SECONDARY SEN present, but none Sensitive Environst	SITIVE ENVIRONMENTS:		-	n deservation of the second of	in the second	- 12.
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SECUNDARY SEN present, but none Sensitive Environm A. For secondary 100 cfs or less	SITIVE ENVIRONMENTS: is a primary sensitive envi nents based on flow. sensitive environments or	ronment, evaluate Secondary	we at	September 1997	निवास गणक्षा स्ट्राप्ट	
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SECONDARY SEN present, but none Sensitive Environm A. For secondary 100 cfs or less—this factor: All Control	SITIVE ENVIRONMENTS: is a primary sensitive environments based on flow. sensitive environments or i, assign scores as follows Dibuter Weight PA Table 41 X X	ronment, evaluate Secondary surface water bodies with flow , and do not evaluate part 8 of movement Type and Value	Total			
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SECONDARY SEN present, but none Sensitive Environm A. For secondary 100 cfs or less	SITIVE ENVIRONMENTS: is a primary sensitive environments based on flow. sensitive environments or i, assign scores as follows Diffusion Weight PA Table 41 X X X X Sensitive environments a	renment, evaluate Secondary surface water bodies with flor , and do not evaluate part 8 of mirrorisest Type and Value (PA Tobles 8 and 8)	Total		Low	

SURFACE WATER PATHWAY (concluded) WASTE CHARACTERISTICS, THREAT, AND PATHWAY SCORE SUMMARY

	A	. 5
·	Suspensed	No Suspense
WASTE CHARACTERISTICS	Release	Referen
	(100 a 22)	
14. A. If you have identified any primary target for surface water (pages 12, 14,		
or 15), assign the waste characteristics score calculated on page 4, or a score		
of 32, whichever is GREATER; do not evaluate part 8 of this factor.		
	[160.30. o 10]	(100.50, - 100
B. If you have NOT identified any primary target for surface water, assign the		,
waste characteristics score calculated on page 4.	ļ	low
		1001
WC ≈	<u></u>	von

SURFACE WATER PATHWAY THREAT SCORES

Thrust	Litalihood of Raleace (LR) Scare	Targets (T) Secre	Pathway Waste Characteristics (WC) Seere	Threat Score LR x T x WC
Drinking Water	(from page 12)	(pages 12, 14, 15)	(determined above)	Low
Human Food Chain	en L	,		Low
Environmental	-			Low

SURFACE WATER PATHWAY SCORE

(Drinking Water Threat + Human Food Chain Threat + Environmental Threat)

į		
i	LOW	

SOIL EXPOSURE PATHWAY CRITERIA LIST				
SUSPECTED CONTAMINATION	RESIDENT POPULATION			
in all services and a mortificate business of the particles and the control of	Y N U e o n g k ls any residence, school, or daycare facility on or within 200 feet of an area of suspected contamination?			
Surficial contamination can generally be assumed	☐ ☐ ☐ Is any residence, school, or daycere facility			
	located on adjacent land previously owned or leased by the site owner/operator? Is there a migration route that might spread hazardous substances near residences, schools, or daycare facilities?			
	Have onsite or adjacent residents or students reported adverse health effects, exclusive of apparent drinking water or air contamination problems?			
	Does any neighboring property warrant sampling?			
en e	Other criterie?			
•				
	and Seed American Section 2012 Annual Agent Program of Program American Annual Agent Program of American American			
and the second s				

SOIL EXPOSURE PATHWAY SCORESHEET

	Proteur Characteristics		-7 7
	Do any people live on or within 200 ft of areas of suspected contamination?	Yes No	V
	Do any people attend school or daycare on or within 200 ft of areas		- /
	of suspected contamination?	Yes No	<u> </u>
	Is the facility active? Yes No If yes, estimate the number of workers:	*****	
		Sugared	
LIN	ELIHOOD OF EXPOSURE	Comminster	References
		Le un.	
1.	SUSPECTED CONTAMINATION: Surficial contamination can generally be assumed. and a score of 550 assigned. Assign zero only if the absence of surficial		
	contamination can be confidently demonstrated.	YES	
<u></u>			
RE	SIDENT POPULATION THREAT TARGETS		
<u> </u>			
2.	RESIDENT POPULATION: Determine the number of people occupying residences		
	or attending school or daycare on or within 200 feet of areas of suspected		
	contamination (see Soil Exposure Pathway Criteria List, page 181.		
1	people x 10 =	,8-3	
3.	RESIDENT INDIVIDUAL: If you have identified a resident population (factor 2),	Ì	
1	assign a score of 50; otherwise, assign a score of 0.		
1.	Mindre the best till a section of the section of th	tir id r = 3	
1	WORKERS: Use the following table to assign a score based on the total number of	[
1	workers at the facility and nearby facilities with suspected contamination:		
ļ	Number of Workers Source		
1	0 0	1	
1	1 to 100 5		
1	101 to 1,000 10		
1	>1,000 15		
	TERRESTRIAL SENSITIVE ENVIRONMENTS: Use PA Table 7 to assign a value		_
	for each terrestrial sensitive environment on an area of suspected	}	
	Contamination:		
1	op regim appri	•	
l	Terrestrial Sensitive Environment Type Value		
1			
ĺ		Low	
į	Sun •		
١.	OPPOLITATE	.14	
9.	RESOURCES		
Щ			
	_ {	Low	
WA	STE CHARACTERISTICS	والسوات الأساسان	
_		(1986, St. o. 14)	
7.	Assign the waste characteristics score calculated on page 4. WC =	Low	
L			
	1		
055	SIDENT POPULATION THREAT SCORE: LE X T X WC		
752	82.500.	1 and	
	04,300,		
NEA	ARBY POPULATION THREAT SCORE:	, 142.011	
	Į.	Low	
	•		
	L EXPOSURE PATHWAY SCORE:	Low	
Res	ident Population Threat + Nearby Population Threat		

AIR PATHWAY	CRITERIA LIST
SUSPECTED RELEASE	PRIMARY TARGETS
Y N U e a n s k ::::: Are adars currently reported?	ា ព្រះក្រាជ មាន ព្រះក្រាជ ក្រាជប្រជាពី ស្រាជប្រជាពី សមាល់ ព្រះក្រាជប្រជាពី សមាល់ ប្រជាពី ព្រះក្រាជប្រជាពី សមាល់ សមាល
Has release of a hazardous substance to the air been directly observed?	If you suspect a release to air, evaluate all populations and sensitive environments within 1/4 mile (including those
Are there reports of adverse health effects (e.g., headaches, nausea, dizziness) potentially resulting from migration of hazardous (substances through the air?	onsite) as primary targets.
Does analytical or dircumstantial evidence suggest a release to the air?	Continue de la Contin
Other criterie?	The state of the s
SUSPECTED RELEASET TO THE STATE OF THE STATE	The THE COLUMN AND THE SECOND
Summarize the rationale for Suspected Release (attach an add	litional page if necessary):
A SAME AND THE SECOND S	
en en transporte de la companya del companya de la companya del companya de la co	

	AIR PATH	WAY SCORESHEET			
	Pothe	rey Cherostensties			7
	Do you suspect a release (see Air Pathway Cri Distance to the nearest individual:	tena List, page 21)?	Ye	No /	
LIKELIHO	OOD OF RELEASE	·	A Suspensed Release	B No Supported Release	Reference
	ECTED RELEASE: If you suspect a release to au of 550. Use only column A for this pathway.	(see page 21), assign a	(666)		
	SPECTED RELEASE: If you do not suspect a re of 500. Use only column B for this pathway.	lease to air. assign a	·	No	
TARGET	s	LR -			
3. PRIMA	RY TARGET POPULATION: Determine the nur osure from a suspected release of hazardous su	• • • •			
suspec	IDARY TARGET POPULATION: Determine the ted to be exposed to a release to air, and assign using PA Table 8.	· · · · · · · · · · · · · · · · · · ·		Low	
for the	ST INDIVIDUAL: If you have identified any Prin air pathway, assign a score of 50; otherwise, a ual score from PA Table 8.		(M.M.F.L), a G	Low	
(PA Tai	RY SENSITIVE ENVIRONMENTS: Sum the sens bie 5) and wetland acreage values (PA Table 9) sture from a suspected release to the air. Sensitive Environment Type			4	
	DARY SENSITIVE ENVIRONMENTS: Use PA To re for secondary sensitive environments. RCES	· · · · ·	,b • d	Low	
WASTE C	HARACTERISTICS	. T =	÷	Low	
char	tu have identified any Primary Target for the air actenstics score calculated on page 4, or a sco ATER; do not evaluate part 8 of this factor.	pathway, assign the weste re of 32, whichever is	(166) to 358		
•	u have NOT identified any Frimary Target for the characteristics acore calculated on page 4.	ne air pathway, asaign the	,	lon'	
		wc -{		Low	
AIR PATH	WAY SCORE:	LR x T x WC 82,500	Lo	W	•

Site Name: Date:

SECONDARY AIR TARGET POPULATIONS

		Nearest Individual
Distance		1
from Site	Population	<u> </u>
Onsite	0	
>0 to ½ mile	112.8	×-
>% to % mile	558.7	
>% to 1 mile	772.7	
>1 to 2 miles	5335.4	
>2 to 3 miles	8685.6	
>3 to 4 miles	12,4052	

WETLAND AREA

•

AIR PATHWAY SECONDARY SENSITIVE ENVIRONMENTS

Distanca	Secultive Environment Type	
Onsite		
0-1/4 mi	TOWNLake	
1/4-1/2mi	TO WN Lake	

ATTACHMENT B

LOGBOOK WITH SITE INSPECTION INFORMATION/PHOTOGRAPHS

SITE SCORE CALCULATION

	S	S ²
GROUND WATER PATHWAY SCORE (S,_):	Low	Low
SURFACE WATER PATHWAY SCORE (S):	Low	Low.
SOIL EXPOSURE PATHWAY SCORE (S.J.:	Low	Low
AIR PATHWAY SCORE (S.):	Low	Low
SITE SCORE:		Low
	•	

SUMMARY

	YES	NO
Is there a high possibility of a threat to any nearby drinking water well(s) by hezardous substance in ground water?	y migration of a	9
A. If yes, identify the well(s).		
8. If yes, how many people are served by the threatened well(s)?		
Is there a high possibility of a threat to any of the following by hazardous a migration in surface water?	ubstance	
A. Drinking water intake 8. Fishery	٥٥	B B
C. Sensitive environment (wetland, critical habitat, others) D. If yes, identify the target(s).		B
Is there a high possibility of an area of surficial contamination within 200 fe residence, school, or daycare facility?	et of any	1
If yes, identify the property(les) and estimate the associated population(s).	·	
Are there public health concerns at this site that are not addressed by PA so considerations? If yes, explain:	coring .	
		1

2425		
n'sen		
		`
National Brand 43-571	1	983
Made in USA	CAPITAL GAS & Light Co	<u> 283</u>
	/346-0025 (6)	
3/10/94	OUTSOINE SALL TO: KUCERA COMPANY 512/343-1122 (MARS CO)	
~10:30 A4	7600 N. MODAC Str 450 (DON TAIT)	
	Austin, 7x 78731 .	
	FOR: Requested INFORMATION PEGARDING A SITE	
	Assessment (I had found 4 "DIM" well	
	REPORTS Showing that monitoning wells	
	had been Drilled at site. Me TAIT proficed	- Hing.
	that There had been a site assessment	
	AND TRANSFERED ME TO SOMEONE'S VOICE	
	mail - whose name I did not NOT catch.	
	I left Amessage,	
	C	
3/10/94	DUTGOING CALL TO: DON TAIT / KUCERA CO	<u>``</u>
~2:29 pm	FOR: TO TRY AGAIN TO GET A HOLD OF THE	
	Assessment, was in a meeting	
	the transfer of the second transfer of the second s	
3/10/94	OUTGOING CALL TO: SOUTHWESTERN LABORATORIES 447-9081	_ <u>**;;</u>
	FOR: TO TALK TO SOMEONE ABOUT THE KUCERA	
	Assessment. SWL's NAME is printed	
	on the map (asin Faxing Doc.) which was	
	with the "DI M" well Reports. The person	_ }
	who answerd left a message of Kyle Kocherhan	
3/10/94	The second of th	
23:00pm	our foing CALL: SUL / Kyle (wished to Remain AND NOMA)	
	FOR: Contact Name at Kuccra = Joel Sher	
	will call back + give me his number	
	and the control of th	
3/22/94	incoming call: Don Toid w/ Kucera returned (todays)	
4:06m	my call AND said Joe 1 Sheris the	
	1/1 Contact person at 346-0025	
· ·		_

		· 中国中国的中国公司	SHEET, E
			F _
	Call recent w		_
2		-1 :1-1	,
3/22/94	IN COMING Call. From Don TAIT, Kucha Co.	3/23/94	-
24:15 pm	FOR I will have to bet Comercica's permission	10.50	\\
<u>, 7 (4)</u>	(written) for Kucera to release but Assisment Report	1 1 150 17	1.72
	Comerica owns the property NOW.	3/23/94	
	Rucera area looking into busines is weeken	~1(:00	
	The Site assessment was done.		\bot
: - 	I weed to call Lanay Voight (313)222-4062		 -
	IN DETROIT		!
	The same than the same of the same of the same of the		$oldsymbol{\perp}^{-}$
3/22/94	OUT COING CALL . LARRY VOIGHT (313) 22)-4062		<u> </u>
~4:30 pm	for I left a message with MR Voight		2
	anneur machine. I'll call back		
	towermy, FAX # 313 722-5706 1 - 1	*	Τ
• • • • • • • • • • • • • • • • • • • •			
3/23/94	OUTSOING CALL LARRY VOIGHT (REALYSTATE)		
3/23/94/ 1D35 Am	For I requested to get the site assessment	3/23/94	06
	Report that Kucara had done and to	11:30	
	bet Access. He regnested we write to:		\top
. 7 .	ONE Detroit Center	3/23/94	06
·	SOO WOODWARD QUENUE	11:35	
 	Detroit, Michigan 48226-3204		<u> </u>
	AND MAKE OUR requests in writing	3/23/94	10
	because it makes it cause for him.	12:45	1
	He said Kucera was a-go-between	14113	-
i	for the orth of dust who we to d		
	to leave the property but changed		+
	their mind,		
	TNIK MINE		
<u></u>			+
7110-1	1 2 1 7 1 0 1 m 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
3/23/94	Outonic Linda Beth Brawn, City of Pustin, Purchasing 499-2500		:
10: 45gm	NAIWA (Nasawa) Pedico 499 = 7236		
	(Nouvie Nu Hing 499-9083 Leasing Agent		
	Bo th w/ the heal Estate Dept / Public Works		-
	. Only them to find out into too 805 W, 5th		
	•		

THE REAL PROPERTY.	
	maket Porter
	3
3/23/94	out 60ing Norme Nutting 1- 11 to of Audin 499-7083
10.50	- left vaice menage
1.1 .00.7 0	The State of the S
3/23/94	INCOMING Kyle Kockerhan - SW Labs (cultid him)
~ 1(:00	- Site was a historically used to people Pive Knots
	- FOL GAS, SWL put in a propasal For APST
	Remediation to Kucera Possible Lost of.
	Hydraulie Fluids? People with eight of Austin !
	- were Martin welland 499-7077 or Normie Natha
	Radian Report to 7DH / Historic
	Carpeadin Plant, processed Pine
	Knots
*	- WANTS Copy of PA if possible
	Discourse of the second of the
3/23/94	De Doan Delany Padione 454-4797
11:30	left message to call in
	DE Mortin Welling 499-7077, CO/A
11:35	out to runch / Left message to call me
0/22/61/	Ic Martin Welling a of Ausdin
	Ic Martin Welling all Austin
12:45	Rickie Linen Sowner agency Information - 19 tar
	Steamed Pine Knots -> Got Gas Austin
	Study Pine The pits used to callect leftoners
-	9 different legats on Site from Kucera
	Was an irm works, then trucking
	packty.
	Never found tar pits in assessments finetices from Bastrop-Big enduties- They have assessments-will ask if I con see them.
	fruities ram bastrop - Big endustries -
	They have assessments - will aik if
	I can see tham.

and the second second	The analysis was the first that the state of	1
4 2 (2010)	2000	Sec.
3 23 94	Ic Martin Welling 499-7090	
2. 1:50 pm	open records request to the lite of (in westing	
	Open Records Request to the City of (in westing Australian Depart to Denise Cheney, Agent city R 499-2894 FAX #	4
	499-0019 PAX P	1
	10 499-2173 phone # 017	П_
	10 9 of 1088, 78767-8828	Ť
3/24/94	OG Dennis Raydean 454-4797 Radian	7
	Gasification Plants Listing Report	Sand, Le
3; 2 3 4 5 5 6 7 M	City Company Name Status etc.	40
3/	They have the regard. Burbara is the	
2	librarian	1
- 3/28/94	IC Denise Chena, e of A OK to cail Martin Welling to see documents - She will chile to see if any other	ş,
2:20 pm	- OK to cail Martin Welling to see documents	
<u>3</u> /	The will check to see if any office 3	<u> </u>
_ <u></u>	deportments have records.	1,
		1
-3/29/14	Heeting (Entornal) with Nourie Nutting (C of A) BARTON PRINCED	4
-1:30	Topica + remen documents, MISO, Sint 1350	0
	Borrowed documents to copied at our office.	
		-
- 3/30/94	Inopped OFF / Returned documents on	1,15
1:00	Comission site to Nownie Muttine.	_
	0 (2)(2)	
- 3(30(94	IC : Potter (?) (Did not Write His Name Down)	-
	-Representative of Comercia	_
	Wanted to Kon of we were preting an this	
	site or are ine looking at all gasi headen	-
	plants? (I was assigned this site) - I told him I've already got documents	
¬	- it town in it we already got documents	
	- Want to review does before site went	
_	- I told him I needed to see ste befor 4/15	
	- Will expedite + be cooperative. Will call y une by	

		•	5
	4/4/94	of Kyle Kocheron 5wl.	
	2171.19	The EPA Report From Padian says	
	7	Coal " Gas don't lest	
		in sul's 8-6-93 Ste report	
		it soys its a "PINE Knot" plant and	
		references Radia's Roport to TDH	
		Not GPA. GPA'S Reportisty Radian)
		- Kyle and the information comes	,
i	1	non a Rution Report for	
	1	Zincoln Properties regarding the	
		Coal cas ofunt at 100 Cursoss.	
		Will fund me relevent passes of report. No References in report	
		roport. No References in report	
	4(4(94)	Dean belong w/ Radian 454-14797	···
	4:30 pm	plot in sail me back talon or morning	
H	0/5/2	Ob Raymond Slade W USGS in Rushin 873	2000
	15/44	UE KAYROND SLADE W USGS in AUSTIN 843	_ 5000
1	<u>3:30ph</u>	DHeads in Ruer are lower than	
H		hado in Edward a aguifu.	
		No realize from Rue do Aufo	·~
		@ Bull is probably very close to	
		site. On Southwate of River	· ·
		BWL is near Lumar	
		3 alluriuma may discharge	
	i	udo Priver durmo Floods/	
		nome out of storce a	
		Flow in Edwards is forward the River and eastword downed Ead water	
		the River and easter and	
		downed End worten	
		B Suggested a report by Gunna ? TWDB - Major Spring of TX B Hso suggested looking at Water We!	No
		TWDB - Maior Sommal TX	
1	·	a NSO succepted londing at Water Will	
ᅪ		comme sayer comme as waste we	

	1
46	
<u> </u>	: Creiners Report (andecessor to two B) for
1	Travia County - Wells for Edwards which -
	aren't in recent rejusts man exist for druntown
	Pueter - Marie Mar
	A) He - Know of one Some on Aval Cuch
	Called Cider Smit mon 35 7 84
	Travia County - Wells for Edwards which - aren't in recent reports may exist for downform furth. (3) He Know of one Spring on Shoal Creek called Cider Spring man 35 7 87
	do Como from the But Chelh-waybe
	also, soud ahire was a spring at tom
<u>3/</u> ,	miller Dan and some up now Mot
~ / ,	Bornelle for H Bennelle Fault) which are
	on the most side of the sum and
	dehave into the sum from the
State 1 18	Edua ha
3/	6 a duty (quiduate student?) showed in
	from Eder Spray in Rolling wood
·	From Eder Songs in Bolly wood
	and Boston Springs
	(9) It is believed that the Edvards
	5 al The C. fines does 't
	Cun bu into the V. ste.
	(10) Barton Springs has News gone died.
\$ 10 pts 1	
1-6-94	of Dean Delang ladion
- 13 9', 50 Am	Does Not Know Source For Lincoln
— <u> </u>	Properties - 100 Congress short which states
· · · · · · · · · · · · · · · · · · ·	that the slant at 5th + Congress und
	Pine Knotts, I left my Name for
	Robert Wallace.
3-1161	
4-6-94	Dr Larry Unint
10:00 have	Les Potter with MCNutt , & then
	Representatione in Dalles, Mr. Vorget has
	lantined -

.2		
		7
Alici V		was a located by the sail
h	ا جر	not received our certified letter addopt for
mm!	1. 3.	My Vetter put in a proposal for assisting
		TIMER . Verglet will go there + akan
		it, I will find out what happoned to
*	` <u> </u>	My letter put in a proposal for assisting tween wordet will go there + akan is I will find out what happened to autifued letter, + will all talk this
		Educated Rener wit Water Rights Division 463-8195
	,	The first with my the me the section of the section
	4-6-94	Formula Rener wi Water Rights Division 463-8195
	11:067	Figure 54915 1 is combined with 54710717
		which is council by the City of Quelo.
		There are served was impalian,
Sec.		There are secural was impulsion. There are secural was impulsion. The WR is active
2		William Committee of the Committee of th
	4-6-94.	The Robert Wallace 454-4792 Radien
50 Test		server Pencals properties commissioned
第		a Ut Stilent on maleson to do namember
		Go to Basher Collection at UT
		Old auto anerican Edataman
		articles on Gasification Plants
		Dr. Lenard Morman at TH was
		mirolund in groupest - TDH. Burgain of
		Gold Waste magnest
		of city of Cally Wood, Jayce Howell 327-1838
	1235 an	No city wells-all abondoned Only domestic wells - have a list I will for her my list for
		Only domestic wells - have a list
		I will for her my list for
		Les to neitly fox 327-1869
	·	
4		

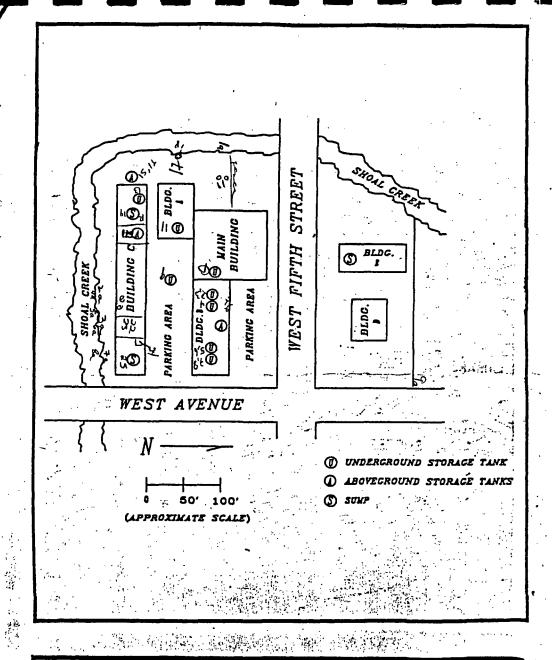
	8	
<u> </u>	4	A SECTION OF THE SECT
<u> </u>	4-8-94 09	- City of West Lake Hells (Women who assured phone)
	10:45 am	-They get their water from Water District 10
		- City of West Lake Hells (Women who assured plane) They get their water from Water District 10 327-2230 /Paul Wakefield. No public Supply wells, only donestic wells.
		Supply wells, only donestic wells.
		And the second s
<u>`</u> .	4-894	05 Water Gratnet 10/ Year Wake freel & 32 4-2230!
<u>-</u>	10:46 am	The buy our water from the Cide of austra
<u>.</u> .		The buy our water from the Cody of Austra
<u>3</u> /.		first frame sure to design of the same with the
<u>~</u> .	4-8-94	when the man toming 322 to 1 to al Austin
	NIL:00:00	There are no public supply wells
 -		For hustry Pool wells used for
<u> </u>		probs only and wells at andvorum
<u> 3/</u> .		There are no public supply wells For Austra Pool wells used for prols only and wells at andvorum used for cooling and down (sine well)
٢,		los said and for inscarin.
 -	74 - 1744-444-1444-1	(Ron Finler w/ BSEAND also confund
		Abis (N a call of made to fire earlier
		today).
 -	2 - 1	1 7 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	4-8-94	de Julie Westfall TNECC / Induction le Solid Waste
	14.00 BW	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		Da Leonard Mormon is at 713-773-5623
	4-8-94	
		of m leverand mount
	~11:15 pm	Con't remember VI report but fully for the
		ste should be under municipal Solid Warte.
<u> </u>		Travis Co General Consespondance, a Special
31_		file called Lincoln Properties on 100 Congress.
, -	11-2-94	(70 - We ffee)
	11:3>	Intral records fulls for would be
	11.27	bla F E Francisco Colombia Maria
		in blas. F/First Floor, Food luck finding
	·	ir-a space of a fire.

	-		
			9
	4-11-94	Okie Westlake Kill Presbyten on Church (3)7-1116)	
	pm ====	No Longs on Camp Craft Rd - perperting Sold to St. John Wauman Carthalities Church,	
		Sold to St. John Warman Carthalitie	
,		Church,	
	101	The state of the s	<u> </u>
,	7	09 St. John Neuman Chath. Church (328-320)
0	en	wells a property not used on	
-	/ 1	Disduct 10 water (aly water)	
	()	500	
8.1. 3.	4-11-94	ob grie Baler USGS 873-3064	C 1 11
%: 5	fm.		
		entrance, pand may be fed by one of the weeks. There are no fish	
i. Viet		entrance, porch may be that by	
	. , ,	hatchen wells in auto Chich	:'
		constant. Sancher school and martin Je	
		Wich School for well.	
ie,			
	4-11-94	of Eanes School Dost & Rel Whellisse	
	-3:55	vo wels are used/all on District 10 (outs) water. Some wells report or just	
te		(duty) water. Some wells capied or just	
		ned ned. The new new new new new new new new new ne	
3		. • •	
	4-11-94	1/2 Water Detrict 10 / Paul Wakefuld - 327-2230	·
	pm	The westlake Water Supply Corp due not exist anymore.	
<u> </u>		corp. are not exist anymore.	,
8		06-11-11-11-11-11-11-11-11-11-11-11-11-11	
		96 Jarry Varght	
1	- pm	Has finalize arrangements	
		le assoc. Will be undaeding	
		oussoc with he gracing	
	· - · - · - · - · - · - · - · - · - · -		
\vdash			
+			

	10	
	4-12-94	of les Potter J.Mc Nutt & Nasoc. 214-691-6606
	10:15	NOT IN / WILL Call me back
<u>-</u> -		06 George Blue / AISD 499-1715
⁻		Wells 58-51-1 and = 58-43-8 are
	يستي پيرس ور از	heat pump wells - used to accordate
—	· ·	hot an - not water wells.
<u>-</u>		Wells at Sarchen and Martin Jr.
		digh are not used (in so many words)
		The second second second second second
<u>-</u>	4-12-94	Ob Deiskill Hitel 474-5911 Sales Reportment of
	11:20	Well gone dried / Nor used
— -		
<u>-</u> -	4-13-94	06 Kint Wagner water Utilities/TWRCC 6043
 3/	 است	Well head instection / Jeff Blass / Save me a map (on 41
		w/ water Supply Componies and Their PWSID/SYS waster water tata Base Dumbers. I requested the
		vaster Water Data Bose Dumbers. I requested the
		Names for the numbers!
		2270205 Park Hills Baptist
		Rick Bell 512/3272500 400 people/sours population
⁻		
		/ 2270203 - Forrister-Vier-Westview Jt, Venture
⁻ \-		Joe Vickers 1-800-180-1993
		25 people / population serve
		2270015 - Ridgewood Village Water System
		A.D. Stenser 512-441-5236
<u>·</u> i.		240 people served
		1/ 2270109A&B Dellera Water Suprey Co. (b) (6)
— -		·
 _31		75 people
-4		2270109 G & J WATER Sus Eco Resources
⁻		George Breazeale 512-327-0144
		68 people serve
\ 		
_	·	

į

12 Roll 2. Permas Shoul heek ; East Book North Bak on Southcide of po-Old English Can backly Area across 54h street



SITE MAP FIGURE 2



	14	
•	5-11-94	OUTLOINE TO USES/ Ed RANZAN 873-3031
1	10:15~?	REQUESTED STAGE HEIGHT) IMEO FOR
		SHOOL Creek at 12th Street. He SAID
		he was GOING TO MAKE A Hydrograph
		AAD IT would be ready at 2:00 TODAY
		FOR FREE.
; -		
_; ^-	5-11-94	LETURNOR NORMAN RICE TX DEPT OF Health 719-0200
	11:50	There has been a fish advisory on
		town take for Chlorodane- Territe
3/-		pesticide for a few years - will
-		fax Advisory. City of kushin gust
 : _ :	<u> </u>	collected a lot of samples/DATA FOR
<u> </u>		TOWN LAKE - try calling engy TXDgH sampled in
3/_		1985 - and will send me that imfo.
11		
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31_	·	
-4		
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	-	



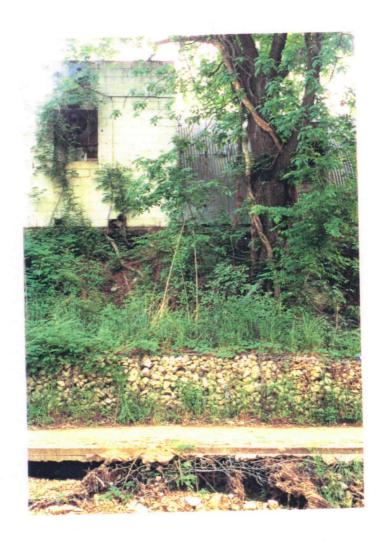
Photograph 15: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC View of southeast bank of Shoal Creek, south boundary of site. Close up of south side of Building C on top of bank with wash bay window. Note stains on building.



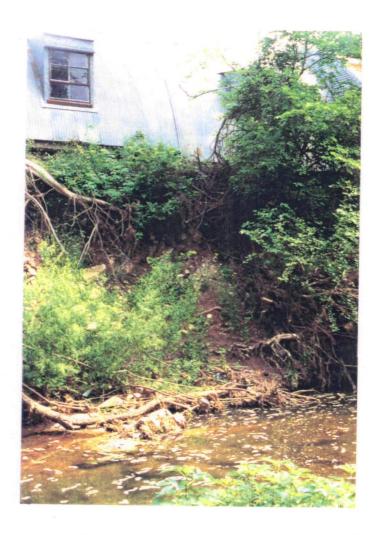
Photograph 1: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC. View of west side of Building C, former paint storage and above ground waste oil storage area.



Photograph 2: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC. View of east side of Building B, area underneath parking lot contains lead contaminated soil where former underground petroleum storage tank existed. In the immediate area or underneath Building B is the possible location of the former gasification plant.



Photograph 16: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC View of southeast bank of Shoal Creek, south boundary of site. Moving downstream, more of south side of Building C on top of bank.



Photograph 17: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC View of southeast bank of Shoal Creek, south boundary of site. Moving downstream, more of south side of Building C on top of bank.



Photograph 18: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC First (from west to east) Hydraulic Lift/Resevoir inside Building B.



Photograph 19: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC Second (from west to east) Hydraulic Lift/Resevoir inside Building B.



Photograph 20: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC Inside second (from west to east) Hydraulic Lift/Resevoir inside Building B.

Site: Capital Gas Light Company, Austin, Texas



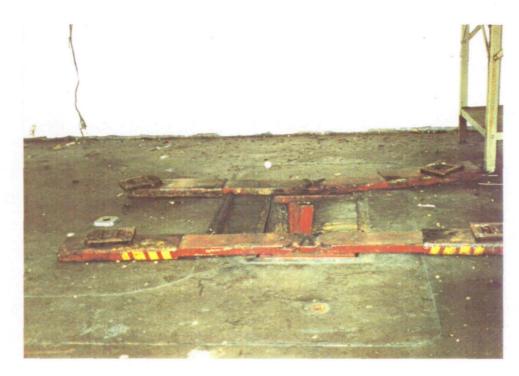
Photograph 21: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC Third (from west to east) Hydraulic Lift/Resevoir inside Building B.



Photograph 22: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC Fourth (from west to east) Hydraulic Lift/Resevoir inside Building B.



Photograph 23: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC Inside fourth (from west to east) Hydraulic Lift/Resevoir inside Building B.



Photograph 24: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC Fifth (from west to east) Hydraulic Lift/Resevoir inside Building B.



Photograph 25: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC Inside fifth (from west to east) Hydraulic Lift/Resevoir inside Building B.



Photograph 26: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC Sixth Hydraulic Lift/Resevoir found inside Building A.



Photograph 1: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC. View of west side of Building C, former paint storage and above ground waste oil storage area.



Photograph 2: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC. View of east side of Building B, area underneath parking lot contains lead contaminated soil where former underground petroleum storage tank existed. In the immediate area or underneath Building B is the possible location of the former gasification plant.



Photograph 3: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC View of west fence boundary of property with monitoring well #3 by Southwestern Laboratories. This is the same area as photograph #2.



Photograph 4: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC View of north parking lot, west of Building A, with Borehole #1 by Environmental Services to the north and Monitoring Well #4 by Southwestern Laboratories to the south.

Site: Capital Gas Light Company, Austin, Texas



Photograph 5: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC View of wash bay area inside Building C.



Photograph 6: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC View of wash bay area inside Building C, inside wash bay drain.



Photograph 7: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC View of Sump #2 inside Building C.



Photograph 8: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC View of the inside of Sump #2 inside Building C.

Site: Capital Gas Light Company, Austin, Texas



Photograph 9: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC View of Sump #1 in Building C.



Photograph 10: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC View of grate in floor which leads to Sump #1 in Building C.

Site: Capital Gas Light Company, Austin, Texas



Photograph 11: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC View of east bank of Shoal Creek, west boundary of site. Fence line on top of bank.

Site: Capital Gas Light Company, Austin, Texas

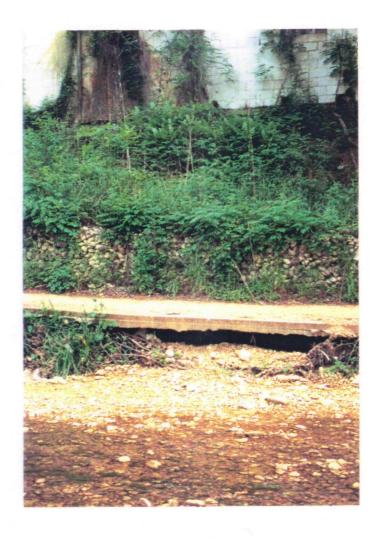


Photograph 12: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC View of southeast bank of Shoal Creek, south boundary of site. Moving downstream, south side of Building C on top of bank.

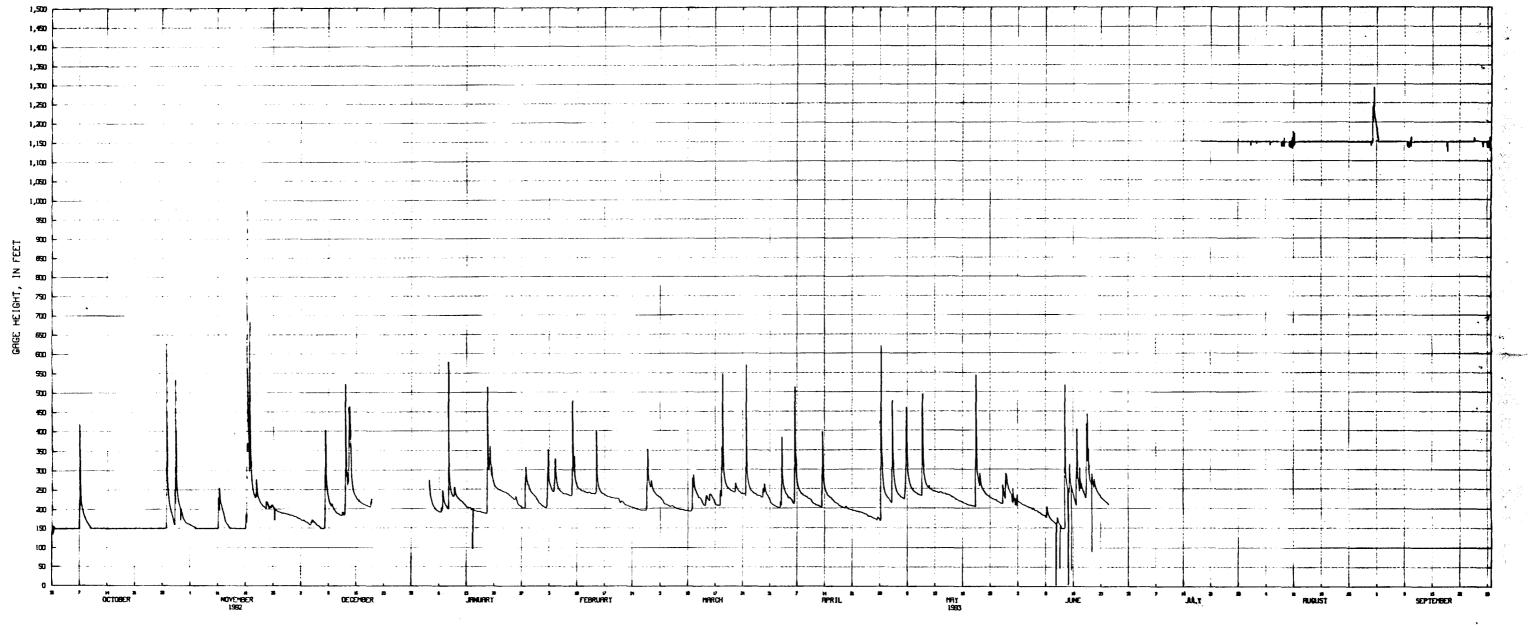


Photograph 13: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC View of southeast bank of Shoal Creek, south boundary of site. Moving downstream, more of south side of Building C on top of bank.

Site: Capital Gas Light Company, Austin, Texas



Photograph 14: Date: 04/14/94 Photographer: Diane R. Poteet, TNRCC View of southeast bank of Shoal Creek, south boundary of site. Moving downstream, more of south side of Building C on top of bank with wash bay window. Note stains on building.



08156800 SHOAL CREEK AT WEST 12TH STREET, AUSTIN, TX INSTANTANEOUS GAGE HEIGHT (FEET), EDITED

ZETAW PLOTTER SUPPLIES 204 110

ZETAW PLOTTER SUPPLIES 204 110

ZETAW PLOTTER SUPPLIES 204 110

TEXAS NATURAL RESOURCES INFORMATION SYSTEM

P.O. Box 13231 • Austin, Texas 78711-3231 • Telephone 512/463-8537



from the Public Law 94-171 Redistricting Date from the 1990 Census:

County	No. Households	· ·	Population
Travis	 232,913		567,407

Participating Agencies of the TNRIS Task Force

Texas Water Development Board • Texas Natural Resource Conservation Commission • General Land Office • Texas Forest Service • Texas Department of Commerce Texas Department of Health • Bureau of Economic Geology, The University of Texas at Austin • Railboad Commission of Texas • Texas Department of Agriculture Texas Department of Transportation • Texas Parks and Wildlife Department • Texas State Soil & Water Conservation Board • Texas Historical Commission • Texas Office of State - Federal Relations • Office of the Attorney General of Texas • Ex officion Governor's Office • Texas Department of Housing & Community Affairs

ATTACHMENT D

TEXAS PARKS & WILDLIFE LETTER (THREATENED/ENDANGERED SPECIES)



TEXAS PARKS AND WILDLIFE DEPARTMENT

4200 Smith School Road • Austin, Texas 78744 • 512-389-4800

ANDREW SANSOM Executive Director

COMMISSIONERS

YGNACIO D. GARZA Chairman, Brownsville

WALTER UMPHREY Vice-Chairman Beaumont

April 22, 1994

LEE M. BASS Ft. Worth

MICKEY BURLESON Temple

RAY CLYMER Wichita Falls

TERESE TARLTON HERSHEY
Houston

GEORGE C. "TIM" HIXON San Antonio

WILLIAM P. HOBBY Houston

JOHN WILSON KELSEY

PERRY R. BASS Chairman-Emeritus Ft. Worth Diane Poteet
Texas Natural Resource Conservation Commission
P.O. Box 13087
Austin, Texas 78711-3087

Dear Ms. Poteet:

In response to your March 24, 1994 request for information on sensitive species and natural communities within a four mile radius and fifteen mile downstream distance of the Capital Gas Light Company, Austin, Travis County, we offer the following comments. A search of the Texas Natural Heritage Program Information System revealed special species, natural communities, and other significant features presently known and possibly occurring within the requested distances. Following are habitat descriptions for each. Please find enclosed printouts for known nearby records.

Federal and State Endangered--

Dendroica chrysoparia (Golden-cheeked Warbler) G2 S2 juniper-oak woodlands distributed along steep
scarps and canyons; dependent on Ashe juniper
(also known as cedar) for long fine bark strips,
only available from mature trees, used in nest
construction; nests are placed in various trees
other than Ashe juniper; only a few mature
junipers or nearby cedar brakes can provide the
necessary nest material; forage for insects in
broad-leaved trees and shrubs; nesting Marchearly summer

Vireo atricapillus (Black-capped Vireo) G2G3 S2 - oakjuniper woodlands with distinctive patchy, twolayered aspect; shrub and tree layer with open,
grassy spaces; requires foliage reaching to
ground level for nesting cover; return to same
territory, or one nearby, year after year;
deciduous and broad-leaved shrubs and trees
provide insects for feeding; species composition
less important than presence of adequate broadleaved shrubs, foliage to ground level, and
required structure; nesting season March-late
summer

Federal Endangered--

Neoleptoneta myopica (Tooth Cave Spider) G1 S1
Rhadine persephone (Tooth Cave Ground Beetle) G1 S1

Tartarocreagris texana (Tooth Cave Pseudoscorpion) G1 S1

Texamaurops reddelli (Kretschmarr Cave Mold Beetle) G1 S1

Texella reddelli (Bee Creek Cave Harvestman) G1 S1

Each of these invertebrates is known from karst features in Travis or Williamson counties.

Federal Proposed Endangered--

<u>Eurycea sosorum</u> (Barton Springs Salamander) G1 S1 - endemic; known from Barton Springs in Travis County

Federal Category 2--

<u>Eurycea neotenes</u> (Texas Salamander) G3 S3 - endemic; springs and waters of some caves of this region

<u>Micropterus treculi</u> (Guadalupe Bass) G3 S3 - endemic; known from headwater, perennial streams of the Edward's Plateau region

Notropis buccula (smalleye shiner) G2 S2 - endemic; known from the Brazos River system

Physostegia correllii (Correll's false dragon-head) G2 S2 - wet
soils including roadside ditches and irrigation channels;
flowering June-July

Thamnophis sirtalis annectens (Texas Garter Snake) G5T3 S3 - wet or moist microhabitats are conducive to the species occurrence, but is not necessarily restricted to them; hibernates underground or in or under surface cover; breeds March-August

Natural Communities --

Ashe Juniper-Oak Series G4 S4 - evergreen shrubland or woodland primarily inhabiting shallow-soiled, sloping sites over limestone in the Edwards Plateau; may also be supported by disturbed areas over deeper soils on flat uplands; this community type forms landscape mosaics with plateau live oak woodland and grasslands on uplands and deciduous oak woodlands on adjacent mesic slopes

Little Bluestem-Indiangrass Series G2 S2 - broadly defined upland tallgrass grassland that once occurred throughout the Blackland, Fayette, and Grand prairies, but is now restricted

to small, isolated relicts

Plateau Live Oak-Midgrass Series G3 S3 - mainly evergreen woodland occupying uplands of the Edwards Plateau, where it is often intermixed with midgrass grassland on flats and on gentle slopes

Sugarberry-Elm Series G4 S4 - broadly defined deciduous forest

occurring on floodplains and mesic slopes

Texas Oak Series G3 S3 - mainly deciduous woodland or forest occurs primarily on mesic slopes over calcareous soils on the eastern and southern Edwards Plateau and Lampasas Cut Plain; plateau live oak woodlands of mixed grasslands occupy adjacent upland soils, while Ashe juniper woodlands occupy drier slopes

Invertebrate Caves--

Bandit Cave; also known as Amend's Cave and Rollingwood Cave Managed Area--

Zilker Preserve

Diane Poteet Page 3

The Heritage Program information included here is based on the best data currently available to the state regarding threatened, endangered, or otherwise sensitive species. However, these data do not provide a definite statement as to the presence or absence of special species or natural communities within your project area, nor can these data substitute for an on-site evaluation by qualified biologists. This information is intended to assist you in avoiding harm to species that occur on your site.

This letter does not constitute a review of fish and wildlife impacts that might result from the activity for which this information is provided. Should you need an impact review of this type from the Texas Parks and Wildlife Department, contact the Habitat Assessment Branch of the Resource Protection Division, attention Mr. Bob Spain, or contact him at 512/389-4725. All requests for reviews must be in writing.

Please contact the Texas Parks and Wildlife Department's Heritage Program before publishing printout data or otherwise disseminating any specific locality information. Thank you for contacting us. Please feel free to call me at 512/448-4311 if you have questions.

Sincerely,

Shannon Breslin, Assistant Data Manager

Texas Natural Heritage Program Resource Protection Division

Enclosures

SLB:DLS:sb

Element Occurrence Record

Elcode: EO# State:

ABPE X 63110 * 116 *TX FONUM:

DENDROICA CHRYSOPARIA IDENT: Y EOCODE: SNAME: SCOMNAME: ELEMENT RANKS: GRANK: SRANK: SRANK: NATION: US SITECODE: S.USTXHP*.... (computer generated pode) SITENAME: SKUNK HOLLOW CREEK/BARTON CREEK WATERWEY SURVEYSITE: COUNTYCODE: COUNTYNAME:
TX TRAV TRAVIS LOCALJURIS: PRECISION: 5 MARG DOT TEN LAT: 30 15 19 S: 30 15 QUADNAME: QUADCODE: NUM: NUM: TEN: N: 30 15 A-USTIN WEST 3009737 87 7.10 LONG: 97 47 36 E: 97 4 W: 97 DIRECTIONS: NW OF BARTON (REEK; CA O. 8 AIR MI ENE OF HWY 360/ MOPAC EXPRESSIVAY INTERSECTIONS CA 0.7 AIR MI WINW OF BAKTON HILLS SCHOOL: SW OF SKUNK HOLLOW CREEK. Optional Fields: (next four fields exist in EOR.OPT)

NAT.REGION: 78 PLACENAME: DSDIRECTIONS: DSBESTSOURCE: WATERSHED: 12090205 WATERSHED: 12090205

yr mo da

SURVEYDATE: 1991 - - LASTOBS: 1991 - - FIRST yr mo da-FIRSTOBS: EORANK: (see code key) EORANKDATE: EORANKCOM: EDDATA: ONE OBSERVATION EACH YEAR IN THE VICINITY. CONTACTID:... CONTACT.NAME: CONTACT.NOTE: EOTYPE: GENDESC: MINELEV: 500 feet MAXELEV: 620 feet SIZE: acres MANAME: MATYPE: CONTAINED: MACODE: (see code M.USTXHP*.... M.USTXHP*... • • • • • • • MOREPROT: MOREMGMT: MORELAND: ____ TNCINVOLVE: MGMTCOM: PROTCOM: OWNERINFO: OWNER: PRIVATE OWNERCOM: COMMENTS: ADDTL. TOPICS: TOPIC.KEYWORDS:

DATASENS:

BOUNDARIES:

PHOTOS:

BESTSOURCE:

DLS ASSOCIATES, 1991, SOURCECODE: SPECIMENS: (citation info. for specimens) 1191 DLS ØITXUS MACSEXCITYUS MAGHEROLITUS TRANSCRIBR: 294-34-11 VAC CDREV: Y MAPPER: 194-04-11 WAC QC:

DATARESP: TXHP EDITION: EDAUTHOR:

Maintenance History: INITIALS: CHANGE.DATE: (yr/mo/da) MANUAL.FILE.NOTE:

NAME: TEXELLA REDDELLI

COMMON NAME: BEE CREEK CAVE HARVESTMAN

OTHER NAME:

FEDERAL STATUS: LE STATE STATUS: GLOBAL RANK: G1 STATE KANK: IDENTIFIED: Y TRACK: Y SENSITIVITY: STATE RANK: S1

COUNTY: Travis

USGS TOPO MAPS:

AUSTIN WEST

PRECISION: S

OCCURRENCE RANK:

TOPO QUAD:

MARGIN #: 51

3009737

ELEMENT OCCURRENCE NUMBER: 004 DATE LAST OBSERVED: 1993 DATE FIRST OBSERVED: 1989-0

DATE SURVEYED:

SURVEY COMMENTS:

MANAGED AREAS:

CONTAINED:

DIRECTIONS:

BANDIT CAVE, ON RILEY ROAD BETWEEN BETTIS BLVD. AND PICKWICK LANE IN ROLLINGWOOD, JUST SOUTH OF TOWN LAKE ON COLORADO RIVER

DESCRIPTION:

QUALITATIVE/QUANTITATIVE DATA:

FAUNA HAS BEEN RETAINED OVER THE YEARS, DESPITE HEAVY VISITATION PRIOR TO CURRENT OWNERSHIP IN 1987

MANAGEMENT COMMENTS:

PROTECTION COMMENTS:

OWNER LIMITS VISITS TO SCIENTIFIC AND CONSERVATION WORK

OTHER COMMENTS:

BANDIT CAVE HAS ALSO BEEN REFERRED TO HISTORICALLY AS AMEND'S CAVE AND ROLLINGWOOD CAVE; SEE SOURCE FOR MORE INFORMATION

SOURCE OF INFORMATION:

ELLIOTT, WM.R. 1989. THE STATUS AND RANGE OF FIVE ENDANGERED ARTHROPODS FROM CAVES IN THE AUSTIN, TEXAS REGION.

NAME: NOTROPIS BUCCULA

COMMON NAME: SMALLEYE SHINER

OTHER NAME:

FEDERAL STATUS: C2 STATE STATUS: GLOBAL RANK: G2 STATE RANK: S2

IDENTIFIED: Y TRACK: Y SENSITIVITY:

COUNTY: Travis

USGS TOPO MAPS: TOPO QUAD: MARGIN #:

AUSTIN EAST 3009736

ELEMENT OCCURRENCE NUMBER: 007 DATE LAST OBSERVED: 1952-06

PRECISION: S DATE FIRST OBSERVED:

OCCURRENCE RANK: D DATE SURVEYED:

SURVEY COMMENTS: INTRODUCED THROUGH BAITFISH RELEASE AT THIS SITE

MANAGED AREAS: CONTAINED:

DIRECTIONS:

MOUTH OF WALLER CREEK, TRAVIS COUNTY

DESCRIPTION:

MURKY CREEK, SILT TO ROCKY BOTTOM, SLOPING BLUFF TO SHORE, 3-5 FEET DEEP

QUALITATIVE/QUANTITATIVE DATA:

ONE SPECIMEN COLLECTED IN SEINE (UT 2635) BY B. COOPER & L. YOUNGER; LIKELY AN INTRODUCTION FROM FISHERMAN BAIT BUCKET; NOT FOUND IN THIS DRAINAGE

MANAGEMENT COMMENTS:

PROTECTION COMMENTS:

OTHER COMMENTS:

WATER QUALITY HAS PROBABLY DECLINED; AN OUT OF NORMAL RANGE INTRODUCTION

SOURCE OF INFORMATION:

COOPER, B. AND L. YOUNGER. 1952. SPECIMEN # UT 2635.

NAME: PHYSOSTEGIA CORRELLII

COMMON NAME: CORRELL'S FALSE DRAGON-HEAD

OTHER NAME:

FEDERAL STATUS: C2 STATE STATUS: GLUBAL KANK: G2
IDENTIFIED: Y TRACK: Y STATE RANK: S2

SENSITIVITY:

COUNTY: Travis

USGS TOPO MAPS: TOPO QUAD: MARGIN #:

MONTOPOLIS 3009726

ELEMENT OCCURRENCE NUMBER: 002 DATE LAST OBSERVED: 1952-10-22

PRECISION: S DATE FIRST OBSERVED: 1952

OCCURRENCE RANK: DATE SURVEYED:

SURVEY COMMENTS:

MANAGED AREAS: CONTAINED:

DIRECTIONS:

COLORADO RIVER BANK AT MONTOPOLIS BRIDGE

DESCRIPTION:

QUALITATIVE/QUANTITATIVE DATA:

MANAGEMENT COMMENTS:

PROTECTION COMMENTS:

OTHER COMMENTS:

SOURCE OF INFORMATION:

IRVING, R.S. 1980. STATUS REPORT ON PHYSOSTEGIA CORRELLII.

NAME: EURYCEA SOSORUM

COMMON NAME: BARTON SPRINGS SALAMANDER

OTHER NAME:

FEDERAL STATUS: C2 STATE STATUS: GLOBAL RANK: G1 STATE RANK: S1

IDENTIFIED: Y TRACK: Y SENSITIVITY:

COUNTY: Travis

USGS TOPO MAPS: TOPO QUAD: MARGIN #:

AUSTIN WEST 3009737 1

ELEMENT OCCURRENCE NUMBER: 001 DATE LAST OBSERVED: 1991-09
PRECISION: S DATE FIRST OBSERVED: 1978

OCCURRENCE RANK: A DATE SURVEYED: 1991-09

SURVEY COMMENTS: ONLY ONE THERE IS!

MANAGED AREAS: CONTAINED:

DIRECTIONS:

BARTON SPRINGS, ZILKER PARK, AUSTIN, TEXAS.

DESCRIPTION:

A LARGE LIMESTONE SPRING AMIDST A CITY PARK AND FEEDING A MUNICIPAL SWIMMING POOL. WATER IS CLEAR, COOL, GOOD QUALITY EDWARDS AQUIFER DISCHARGE. SWEET COLLECTED 32 INDIV. IN 1978

QUALITATIVE/QUANTITATIVE DATA:

THIS CAVE ADAPTED SALAMANDER LIVES IN THE AQUIFER AND CAN BE FOUND AT DISCHARGE POINTS. SPECIES IS CURRENTLY UNDESCRIBED BUT DISTINCT FROM OTHER TROGLOBITIC SALAMANDERS IN THE REGION

MANAGEMENT COMMENTS:

PROTECTION COMMENTS:

INSURE WATER QUALITY; LEGAL STATUS AWAITING SP. DESCRIPTION

OTHER COMMENTS:

NEW SPECIES, EXTENT AND POPULATION SIZE IN UNDERGROUND PORTION OF AQUIFER ARE UNKNOWN.

SOURCE OF INFORMATION:

SWEET, SAMUEL S. PHD. DEPARTMENT OF BIOLOGIAL SCIENCES, U. C. SANTA BARBARA, CALIFORNIA 93106. PERSONAL COMM. 1984.

MICROPTERUS TRECULI COMMON NAME: GUADALUPE BASS

OTHER NAME:

FEDERAL STATUS: C2

GLOBAL RANK: G3
IDENTIFIED: Y TRACK: Y SENSITIVITY:

COUNTY: Travis

STATE STATUS:

STATE RANK: S3

USGS TOPO MAPS:

AUSTIN EAST MONTOPOLIS AUSTIN WEST TOPO QUAD: MARGIN #: 3009736

3009726 3009737

ELEMENT OCCURRENCE NUMBER: 018 DATE LAST OBSERVED: 1977-05

PRECISION: S

OCCURRENCE RANK: D SURVEY COMMENTS:

DATE FIRST OBSERVED:

DATE SURVEYED:

MANAGED AREAS:

CONTAINED:

DIRECTIONS:

WALLER CREEK AT MOUTH OF WALLER BEACH PARK AT THE COLORADO RIVER IN AUSTIN, TEXAS

DESCRIPTION:

CLEAR, SMALL STREAM; TRIBUTARY TO LAKE

QUALITATIVE/QUANTITATIVE DATA:

SPECIMENS TAKEN FROM THIS LOCALITY; SEE SUMMARY IN EDWARDS, 1980

MANAGEMENT COMMENTS:

PROTECTION COMMENTS:

HYBRIDIZES WITH MICROPTERUS PUNCTULATUS

OTHER COMMENTS:

ENDEMIC TO SEVERAL RIVERS OF EASTERN EDWARDS PLATEAU, COMMON IN PREFERRED HABITAT

SOURCE OF INFORMATION:

EDWARDS, R.T. 1980. ECOLOGY & GEOGRAPHIC VARIATION OF THE GUADALUPE BASS, M. TRECULI. Ph.D. DISS., ZOOL. DEPT., UT-AUST.

NAME: SCHIZACHYRIUM SCOPARIUM-SORGHASTRUM NUTANS SERIES

COMMON NAME: LITTLE BLUESTEM-INDIANGRASS SERIES

OTHER NAME:

FEDERAL STATUS: STATE STATUS: GLOBAL RANK: G2 STATE RANK: S2 GLOBAL RANK: G2 STATE RANK: IDENTIFIED: Y TRACK: Y SENSITIVITY:

COUNTY: Travis

TOPO QUAD: MARGIN #: USGS TOPO MAPS:

OAK HILL 3009727

ELEMENT OCCURRENCE NUMBER: 081 DATE LAST OBSERVED: 1992-02-13

PRECISION: S DATE FIRST OBSERVED:

OCCURRENCE RANK: B DATE SURVEYED: 1992-02-13

SURVEY COMMENTS: A/B PATCHES WITHIN DISTURBED AREA

MANAGED AREAS: CONTAINED:

DIRECTIONS:

EAST SIDE OF UNION PACIFIC RAILROAD TRACKS, WEST SIDE OF WEST BOULDIN CREEK, ROUGHLY HALFWAY BETWEEN OLTORF STREET AND BEN WHITE BOULEVARD, SOUTH AUSTIN; ACCESS FROM DEAD END OF BARTON SKYWAY ON EAST SIDE OF CREEK

DESCRIPTION:

TALLGRASS GRASSLAND PATCHES SEPARATED BY DISTURBED AREAS SUPPORTING RAGWEED, BROOMWEED, AND YOUNG JUNIPER-LIGUSTRUM WOODLANDS; COVER BY NATIVE GRASSES VERY HIGH IN BETTER PATCHES; AUSTIN CHALK, WITH EDDY, AUSTIN, AND BRACKETT SOILS

QUALITATIVE/QUANTITATIVE DATA: NONE

MANAGEMENT COMMENTS:

PROTECTION COMMENTS:

OTHER COMMENTS:

SURVEYED WITH P. TURNER OF ESPEY-HUSTON, WHICH IS STUDYING ELECTRIC SUBSTATION SITE FOR CITY OF AUSTIN; LEA STONE IS CITY OF AUSTIN IS ALREADY FAMILIAR WITH SITE

SOURCE OF INFORMATION:

CARR, W.R. 1992. FIELD SURVEY OF BARTON SKYWAY GRASSLAND, 13 FEBRUARY 1992.

NAME: THAMNOPHIS SIRTALIS ANNECTENS COMMON NAME: TEXAS GARTER SNAKE

OTHER NAME:

FEDERAL STATUS: C2

GLOBAL RANK: G5T3
IDENTIFIED: Y TRACK: Y

STATE STATUS: STATE RANK: S3

SENSITIVITY:

COUNTY: Travis

USGS TOPO MAPS: AUSTIN WEST AUSTIN EAST

PFLUGERVILLE WEST

TOPO QUAD: 3009737

15 7 3009736 5 3009746

PRECISION: G OCCURRENCE RANK: SURVEY COMMENTS:

ELEMENT OCCURRENCE NUMBER: 010 DATE LAST OBSERVED: 1942-05-02

DATE FIRST OBSERVED:

DATE SURVEYED:

MANAGED AREAS:

CONTAINED:

MARGIN #:

DIRECTIONS:

AUSTIN, SHOAL CREEK

DESCRIPTION:

QUALITATIVE/QUANTITATIVE DATA:

UNDER A ROCK AT 16:20 SUNNY DAY 78 DEGREES F.

MANAGEMENT COMMENTS:

PROTECTION COMMENTS:

OTHER COMMENTS:

SOURCE OF INFORMATION:

NO COLLECTOR. 1942. BRYCE C. BROWN COLLECTION, STRECKER MUSEUM, BCB

3033, 2 MAY 1942.

NAME: INVERTEBRATE CAVE

COMMON NAME:

OTHER NAME: BANDIT CAVE

FEDERAL STATUS: GLOBAL RANK:

IDENTIFIED: Y TRACK: Y

STATE STATUS:

STATE RANK: SENSITIVITY:

COUNTY: Travis

USGS TOPO MAPS: AUSTIN WEST

TOPO QUAD: MARGIN #:

3009737

41

PRECISION: S

ELEMENT OCCURRENCE NUMBER: 004 DATE LAST OBSERVED: 1993

DATE FIRST OBSERVED: 1989-0

DATE SURVEYED:

OCCURRENCE RANK: SURVEY COMMENTS:

MANAGED AREAS:

CONTAINED:

DIRECTIONS:

ON RILEY ROAD BETWEEN BETTIS BLVD. AND PICKWICK LANE IN ROLLINGWOOD, JUST SOUTH OF TOWN LAKE ON COLORADO RIVER

DESCRIPTION:

CAVE

QUALITATIVE/QUANTITATIVE DATA:

KNOWN FAUNA INCLUDES TEXELLA REDDELLI, AMONG OTHER INVERTEBRATES

MANAGEMENT COMMENTS:

PROTECTION COMMENTS:

OWNER LIMITS VISITS ONLY FOR SCIENTIFIC AND CONSERVATION WORK

OTHER COMMENTS:

ALSO REFERRED TO AS AMEND'S CAVE AND ROLLINGWOOD CAVE; SEE SOURCE FOR MORE INFORMATION

SOURCE OF INFORMATION:

ELLIOTT, WM.R. 1989. THE STATUS AND RANGE OF FIVE ENDANGERED ARTHROPODS FROM CAVES IN THE AUSTIN, TEXAS REGION.

TEXAS NATURAL HERITAGE PROGRAM TEXAS PARKS AND WILDLIFE DEPARTMENT MANAGED AREA INFORMATION

NAME: ZILKER PRESERVE

MANAGED AREA TYPE CODE: LAUPR

COUNTY NAME(S): Travis

USGS TOPO QUADS: AUSTIN WEST

ESTABLISHED:

SIZE:

DESCRIPTION: JUNIPER-OAK WOODLANDS WITH SOUTH TEXAS BRUSH INFLUENCE, MOSTLY DECIDUOUS CANYON-BOTTOM FOREST

COMMENTS: YOUTH EDUCATION, NATURE TOURS, FAMILY HIKES

MANAGEMENT: PRAIRIE RESTORATION ONGOING (1 ACRE), EXOTICS

CONTROL

MANAGER: LEA STONE

MGR.INST.:

ADDRESS: PARKS & RECREATION DEPARTMENT

301 NATURE CENTER DRIVE

AUSTIN , TX 78746

PHONE: 512 327-8181

CODE KEY

FEDERAL STATUS (USESA)

- LE Listed Endangered
- LT Listed Threatened
- LELT Listed Endangered in part of range, Threatened in a
 different part
- PE Proposed to be listed Endangered
- PT Proposed to be listed Threatened
- E(S/A) or T(S/A) Listed Endangered or Threatened on basis of Similarity of Appearance.
- C1 Candidate, Category 1. USFWS has substantial information on biological vulnerability and threats to support proposing to list as endangered or threatened. Data are being gathered on habitat needs and/or critical habitat designations.
- C1* C1, but lacking known occurrences
- C2 Candidate, Category 2. Information indicates that proposing to list as endangered or threatened is possibly appropriate, but substantial data on biological vulnerability and threats are not currently known to support the immediate preparation of rules. Further biological research and field study will be necessary to ascertain the status and/or taxonomic validity of the taxa in Category 2.
- C2* C2, but lacking known occurrences
- 3 Taxa no longer being considered for listing as threatened or endangered. Three subcategories indicate the reasons for removal from consideration.
- 3A Former Candidate, rejected because presumed extinct and/or habitats destroyed
- 3B Former Candidate, rejected because not a recognized taxon;
 i.e. synonym or hybrid
- 3C Former Candidate, rejected because more common, widespread, or adequately protected
- XE Essential Experimental Population.
- XN Non-essential Experimental Population.

STATE STATUS

- E Listed as Endangered in the State of Texas
- T Listed as Threatened in the State of Texas

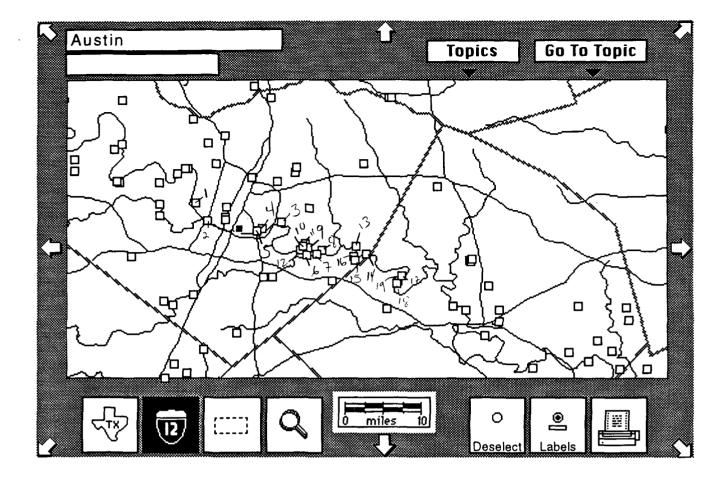
GLOBAL RANK (GRANK)

- G1 Critically imperiled globally, extremely rare, 5 or fewer occurrences. [Critically endangered throughout range.]
- G2 Imperiled globally, very rare, 6 to 20 occurrences.
 [Endangered throughout range.]
- G3 Very rare and local throughout range or found locally in restricted range, 21 to 100 occurrences. [Threatened throughout range.]
- G4 Apparently secure globally.
- G5 Demonstrably secure globally.
- **GH** Of historical occurrence through its range.
- G#NA Accidental in North America.

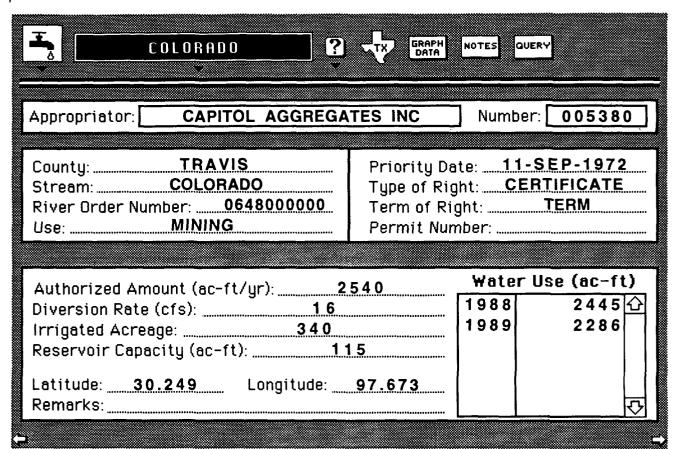
ATTACHMENT E

SURFACE WATER USE DATA (COPIES OF WATER USE PERMITS OR PRINTOUTS FROM COMPAS DATABASE)

WATER PRIEHTS



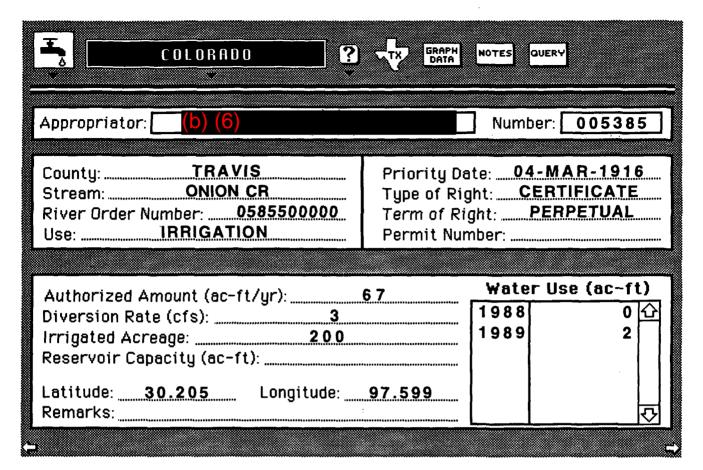
COLORADO ?	GRAPH NOTES QUERY
Appropriator: (b) (6)	Number: 005379
County: TRAVIS Stream: COLORADO River Order Number: 0647000000 Use: IRRIGATION	Priority Date: 10-JUN-1914 Type of Right: CERTIFICATE Term of Right: PERPETUAL Permit Number:
Authorized Amount (ac-ft/yr): 1. Diversion Rate (cfs): 10 Irrigated Acreage: 7.3.4 Reservoir Capacity (ac-ft): Latitude: 30.26 Longitude: Remarks:	1988 1989 164



5

COLORADO ?	GRAPH NOTES QUERY
Appropriator: CAPITOL AGGREGA	TES INC Number: 005378
County: TRAVIS Stream: COLORADO River Order Number: 0650000000 Use: MINING	Priority Date: 17-NOV-1964 Type of Right: CERTIFICATE Term of Right: TERM Permit Number:
Authorized Amount (ac-ft/yr):2 Diversion Rate (cfs):2 Irrigated Acreage:27 Reservoir Capacity (ac-ft):	1988 265 <u>1</u>
Latitude: 30.245 Longitude: Remarks:	97.681

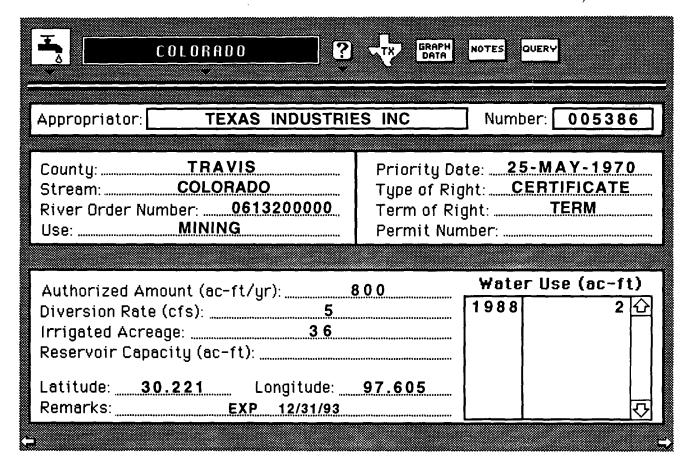
COLORADO ?	GRAPH NOTES Q	UERY
Appropriator: SHAPARD FAI	RM Numbe	er: 005384
County: TRAVIS Stream: COLORADO River Order Number: 0610000000 Use: IRRIGATION	Priority Date: 29 Type of Right: CE Term of Right: P Permit Number:	ERTIFICATE PERPETUAL
Authorized Amount (ac-ft/yr): Diversion Rate (cfs): Irrigated Acreage: Reservoir Capacity (ac-ft): Latitude: Remarks: SEE 14-5382 FOR RA	97.596	Use (ac-ft) 0 企 0

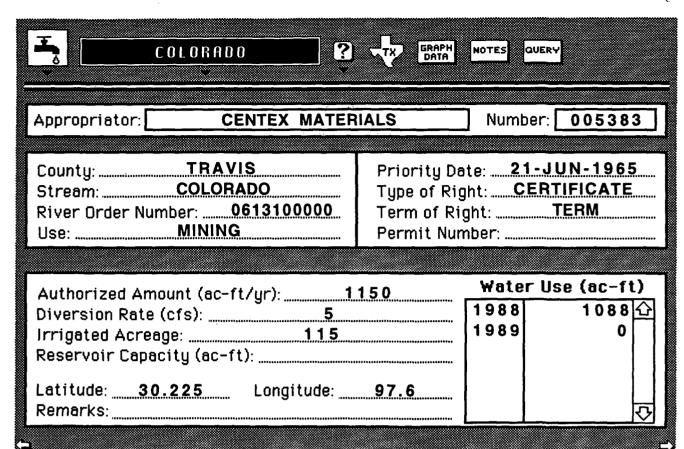


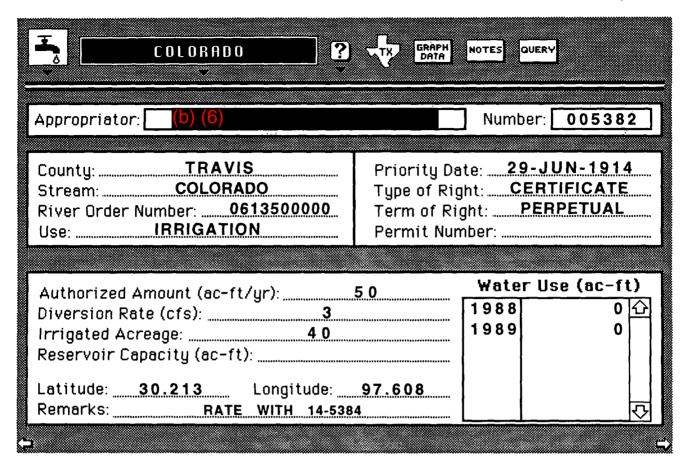
COLORADO ?	GRAPH NOTES QUERY	
Appropriator: (b) (6)	Number:	005394
County: TRAVIS Stream: ONION CR River Order Number: 0580000000 Use: IRRIGATION	Priority Date: 25-AP Type of Right: CERTI Term of Right: PERF Permit Number:	FICATE PETUAL
Authorized Amount (ac-ft/yr): 1 Diversion Rate (cfs): 3 Irrigated Acreage: 100 Reservoir Capacity (ac-ft): Latitude: 30.208 Longitude:	1988	e (ac-ft) 0 企 0
Remarks:		<u> </u>

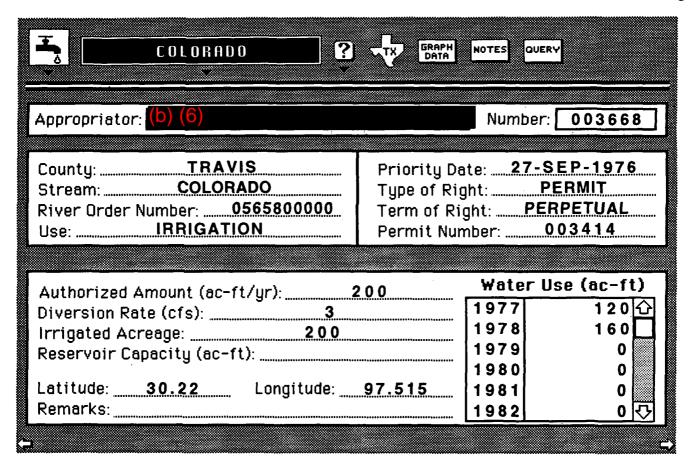
(

COLORADO ?	GRAPH NOTE	S QUERY
Appropriator: AUSTIN TREE FA	ARMS N	umber: 005395
County: TRAVIS Stream: COLORADO River Order Number: 0579100000 Use: IRRIGATION	Type of Right: Term of Right:.	06-JAN-1975 CERTIFICATE TERM
Authorized Amount (ac-ft/yr): Diversion Rate (cfs): Irrigated Acreage: Reservoir Capacity (ac-ft): Latitude: Remarks: EXP 12/31/96	19	ater Use (ac-ft) 88 13☆ 89 25

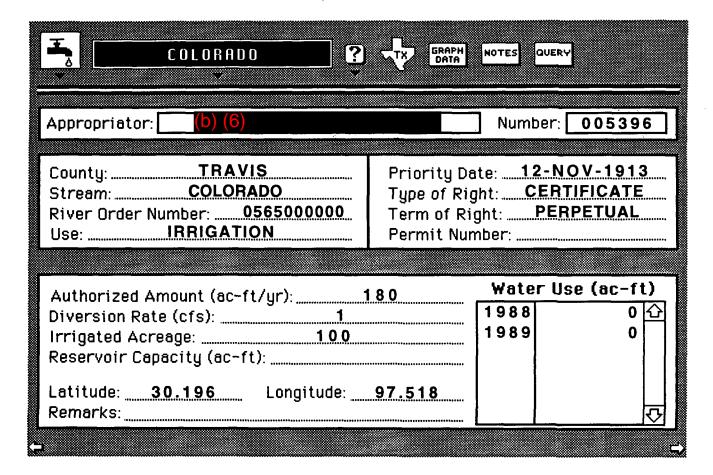








COLORADO ?	GRAPH NOTES QUERY
Appropriator: (b) (6)	Number: 004359
County: TRAVIS Stream: COLORADO River Order Number: 0562510000 Use: IRRIGATION	Priority Date: 09-MAY-1983 Type of Right: PERMIT Term of Right: TERM Permit Number: 004040
Authorized Amount (ac-ft/yr):	34 Water Use (ac-ft) 1983 이슈
Diversion Rate (cfs): 3 Irrigated Acreage: 34 Reservoir Capacity (ac-ft):	1904
Latitude: 30.208 Longitude: Remarks: EXP 12/31/93	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1



COLORADO ?	TX GRAPH DATA	NOTES QUERY	2
Appropriator: (b) (6)		Number:	005190
County: TRAVIS Stream: COLORADO River Order Number: 0565100000 Use: IRRIGATION	Type of Righ	nt: P! ht:	TERM
Authorized Amount (ac-ft/yr):2 Diversion Rate (cfs):3 Irrigated Acreage:100 Reservoir Capacity (ac-ft): Latitude:30.204		Water U: 1988 1989	

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~ ****.

COLORADO ?	GRAPH NOTES	QUERY
Appropriator: (b) (6)	Num	ber: 005398
County: BASTROP Stream: COLORADO River Order Number: 0556190000 Use: IRRIGATION	Priority Date:	PERPETUAL
Authorized Amount (ac-ft/yr): 1 Diversion Rate (cfs): 2 Irrigated Acreage: 120 Reservoir Capacity (ac-ft):	1988 1989	I
Latitude: <u>30.172</u> Longitude: Remarks:		₽

COLORADO ?	GRAPH NOTES	QUERY
Appropriator: (b) (6)	Num	ber: 005400
County: BASTROP Stream: COLORADO River Order Number: 0556160000 Use: IRRIGATION	Priority Date:	PERPETUAL
Authorized Amount (ac-ft/yr): Diversion Rate (cfs): Irrigated Acreage: Reservoir Capacity (ac-ft): Latitude: Remarks:	1988	·

COLORADO ?	TX GRAPH NOTES QUERY	
Appropriator: (b) (6)	Number:	005399
County: BASTROP Stream: COLORADO River Order Number: 0556165000 Use: IRRIGATION	Priority Date: 30-JL Type of Right: CERT Term of Right: PER Permit Number:	IFICATE PETUAL
Authorized Amount (ac-ft/yr): Diversion Rate (cfs): Irrigated Acreage: 2.6	1988	e (ac-ft) 이 쇼 0
Reservoir Capacity (ac-ft): Latitude: 30.162 Longitude: Remarks:		Ţ.

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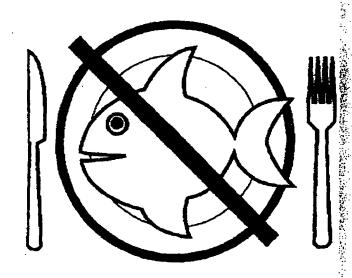
ATTACHMENT F

WATER WELL LOGS (INCLUDING TARGET POPULATION CALCULATIONS AND WELL LOCATION MAPS)



Fish Consumption Advisories and Closures

Fish in several bodies of water in Texas contain chemical residues at levels that may if consumed represent a threat to human health. In order to inform the public of the possible contamination the Texas Department of Health issues fish consumption advisories. In certain instances, if an imminent threat to public health exists the Texas Department of Health may prohibit the taking of fish or shellfish from an area. Taking of fish from a closed area is a violation of State Law. Taking of fish from an area with a consumption advisory in effect is not illegal; however, it is not recommended. The Texas Department of Health periodically monitors the results of fish samples from the areas to determine whether changes are necessary.



Prohibited Areas for Taking Aquatic Life:

Area	County(s)	Contaminant(s)	Species	_
Lavaca Bay Near Point Comfort	Calhoun	Mercury	All Fish & Crabs	
2. Trinity River Dallas, Pt. Worth	Dallas Tamani	Chlordane	All Fish Species	

Areas with Fish Consumption Advisories:

Arca	County(s)	Contaminant(s)	Species	Consumption Advisory
Arroyo Colorado Above Port of Harlingen	Willacy, Cameron, Hidalgo	Chlordane, Toxaphene, DDT	All Fish Species	Avoid Regular Consumption One meal/month
2. Town Lake	Travis	Chlordane	All Fish Species	Avoid Consumption One meal/month
Neches River South of U.S. 96 near Evadale to the Interstate 10 Bridge	Orange Hardin	Diescin	All Fish Species	No more than 1 meal/month; Women of child-bearing age and children should not consume the fish.
4. Brazos River South of FM 521 to the mouth of the Brazos River	Brazoria	Dimcin	All Fish Species	No more than I meal/month; Women of child-bearing age and children should not consume the fish.
5. Houston Ship Chanel / Upper Galveston Bay The Houston Ship Chans and Upper Galveston Bay North of a line drawn fro Red Bluff Point to Five M	y om	Dioxin	Catfish & Bhse Crabs	No more than 1 meal/month; Women of child-bearing age and children should not consume the fish.

Cut Marker to Houston Point

ATTACHMENT G

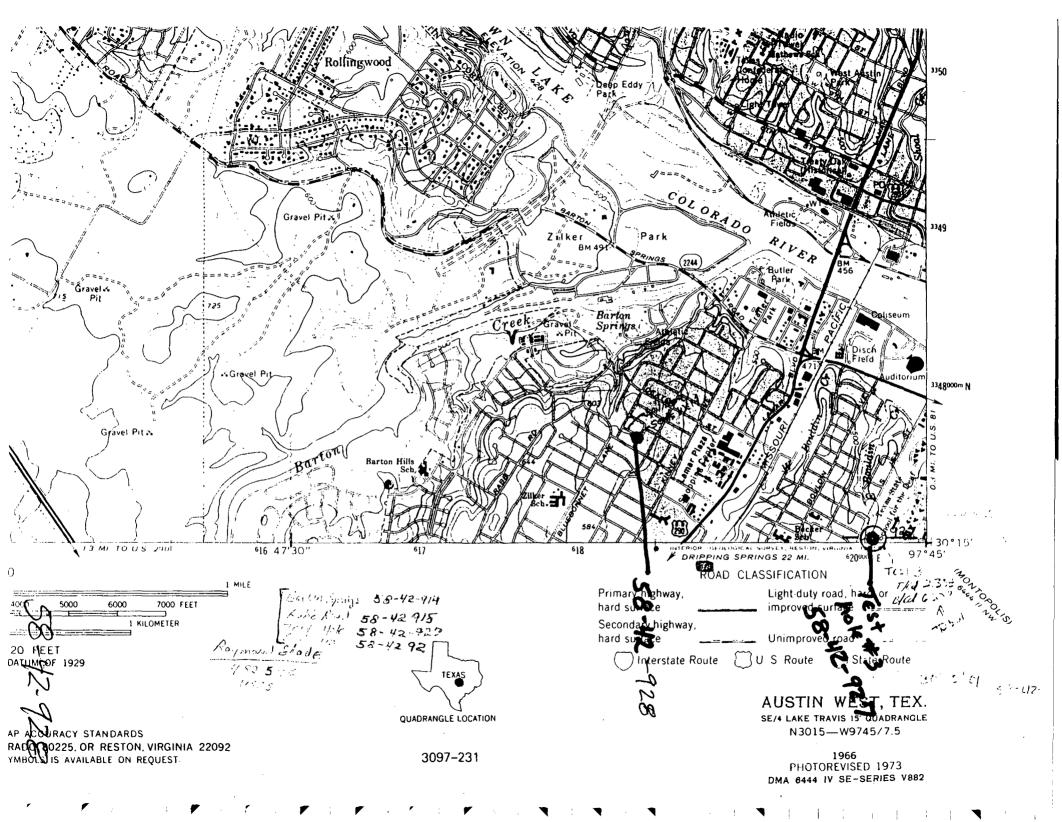
AIR AND STREAM DATA (WIND ROSE DIAGRAMS AND SHOAL CREEK DISCHARGE RATES AND STAGE HEIGHT DATA)

Attachment G, Figures 1 thru 4 and 7. Ref. 23. Larkin, J. L. and Bomar, G.W., Texas Department of Water Resources. Climatic Atlas of Texas. LP-192. December 1983. (Wind Rose Diagrams and for Austin/Austin Airport, pp. 18, 78-81.)

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

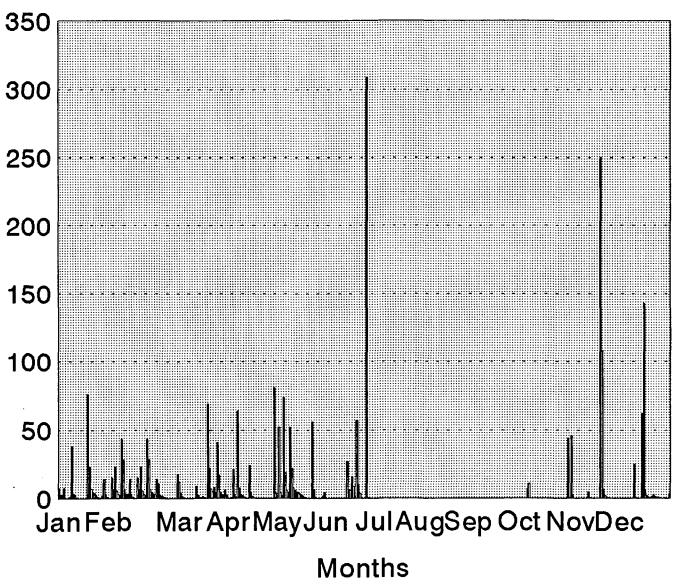
Aquifer(s) Edward Paguifec Project No.	State We	۱۱ No <u>_</u>	&42_	-928
	_, Lat.			
Owner: (b) (6) Address: (b) (6)			I (0m) at	Time 2
Tenant (other): Address:			EN 201	17 212 2 21
Driller: John Spivey (Capital City Drilling) Address: Rt. 6, Box	 77- レレ	· · · · · · · · · · · · · · ·	Trus 7	12737
Land Surface Elevation: 589 ft. above ms) determined by topograph	_			5.57.
Drilled:030519 79; Dug, Cable Tool, Rotary, Air)	uc bu		L 1401	
Depth: (Rept) 300 ft. Measft.	1	SING RIAN	K PIPE & WEL	1 SCREEN
Borehole Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed			<u>O</u> ft. to_	
	Diam. (in.)	Туре	Setting from	(feet)
Pump: Mfr	4"	PVC	0	163
Column Diamin., Length Tailpipeft.				
Motor: MfrHP				
Yield: Flowgpm, Pump 30gpm, Meas. Rept, EstDate 03679				
Performance Test: DateLength of TestMade by				
Static Levelft. Pumping Levelft. Drawdownft.			1	<u> </u>
Productiongpm Specific Capacitygpm/ft.			 	
Quality: (Remarks on taste, odor) color, etc.) Suifate dor referted _				
Analyses			 	+
DateLaboratoryTDSSp Cond			 	
DateLaboratoryTDSSp Cond			 	
Other data available (as circled): Pumping Test, Power & Yield Test, Drillers Log			 	
Formation Samples, Geophysical Log(s)(type)	Ll		<u> </u>	
Water Level(s): 190 ft. (ept) 0305 19 79 above measuring prot	—which i	s fi	above	d Surface
	— ≠which i	s • 75 ft	(above) Lan	d Surface
lse: Dom., Stock, Public Supply, Ind., Irr., Observation, Other (Test Hole, Oil				
A				
Recorded by: Robert R. Flores Source of data: observation and drib	E12 705		_	P
Remarks:				



Attachment G. Figures 5 and 6. Shoal Creek Stream Data. Ref. 48. United States Geological Survey. Water Resource Data Texas, Water Year 1990, Volume 3. Colorado River Basin, Lavaca River Basin, Rio Grande Beasin, and Interving Coastal Basins. June 1991.

Discharge Rates For Shoal Creek at 12th Street for 1993





Series 1

140

COLORADO RIVER BASIN

08156800 SHOAL CREEK AT 12TH STREET, AUSTIN, TX

LOCATION.—Lat 30°16'35", long 97"45'00". Travis County, Hydrologic Unit 12090205, on left bank at downstream side of bridge at 12th Street, and 0.6 mi west of the State Capitol Building in Austin.

ORALNASE AREA.—12.3 m1".

MATER-DISCHARGE RECORDS

PERIOD OF RECORD. --November 1974 to March 1975, periodic discharge measurement, periodic QN sample collection and associated peak discharges along with annual maximum. April 1975 to September 1984, operated as a flood-hydrograph partiel-record site. October 1984 to current year.

GAGE. -- Matter-stage recorder and crest-stage gage. Detum of gage is 455.33 ft above National Geodetic Vertical Datum of 1929 (city of Austin bench mark).

REMARKS.——Be estimated daily discharges. Records fair. There is no known regulation or diversion. The station is equipped with an automatic water-quality sampler.

PEAK DISCHARSES FOR CURRENT YEAR, -- Peak discharges greater than base discharge of 1,000 ft*/s:

				Date	Time	:	Discharge (ft*/s)	6	lage height		Cate	T 1	ine	Discharge (ft*/s)		Gage height (ft)
				Nov. 19 Nov. 20	0945 0045		2,060 1,150		10.18 6.79		June 26	o	500	2,860		10.59
						DZSCHI	UNGE, CUBIC	FEET PE	R SECOND,	HATER Y	EAR OCTOBER	1992 70	SEPTEMBE	R 1993		
1	10	 		 AY	OCT	NOV	DEC	JAK	FEB	MAR	APR.	MAY	JUK	JUL	AUG	SEP
_	MENARI		O 90	3	.00 .00 .00 .00	46 2.3 .01 .00 .00	.00 .00 .00 .00	7.4 2.6 2.6 7.5	.02 .00 15 6.7 23	12 4.1 1.5 .37 .00	.10 .00 .27 21 2.7	52 4.4 1.9 74	.00 .00 .00 .00	.00 .00 .00 .00	.00 .00 .00 .00	.99 .00 .00 .00
E		7	SERVICES AL	6 7 8 9	7.0 11 .02 .00	.00. 00. 00. 00.	.00 .00 .00 .00 .88	.00 .90 1.3 38 3.5	5.5 3.1 2.5 43	.00 .00 .00 .00	-91 7.7 3.0 1.7	19 6.2 4.0 52 22	.00 .00 .00 .00	.00 .00 .00 .00	.00. 00. 00. 00.	.00 .00 .00 .00
AL	Prove 32 V	Fax * * *	بح 🕶		90. 00. 00. 00.	.00 4.9 .53 .00	.01 .00 .00 .00 42 143	2.2 .42 .00 .00	6,4 4,3 3,4 3,2 14	.00 9.0 2.1 .33 .51	.73 .01 .00 24 4.5	8.2 5.9 4.8 4.5 3.7	.00 .00 .00 27 5.3	.00 .00 .00 .00	.00 .00 .00	.00 .00 .00 .00
SMITT	733	\ <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>	5099.101	16 17 18 19 20	.00 .00 .00 .00	.00 .00 .00 249 108	5.7 2.0 .83 .31 1.3	.00 .00 .00 76 23	2.9 1.7 1.2 .89	1.3 .60 .00 69 22	1.6 .35 .01 .00	3.0 1.9 1.0 .45	6.2 16 9.0 1.4 57	.00 .00 .00 .00	.00. 00. 00. 00.	.00 .00 .00 .00
RAN	2	7		21 23 24 25	.00 .00 .00	6.6 1.8 .18 .50 .22	3.0 1.3 1.0 .74 .42	7.0 4.8 3.7 2.4 1.0	.63 .05 .00 .00	7.2 5.0 7.8 4.2 41	.00 .00 .00 .00	.00 .00 56 6.7 .83	9.7 3.8 .20 .00 .00	.00 .00 .00 .00	20. 00. 00. 20.	.00 .00 .00 .00
FAX 1	DIANE DE	229	317	26 27 29 29 30 31	.00 .00 .00 .00	.00 .00 .00	.20 .20 .27 .20 .14 3.4	.43 .00 2.0 14 3.3 1.1	18.00	17 4.8 3.0 2.3 6.1 2.2	.00 .00 .00 61 3.7	.00 .00 .00 .00 1.7 4.4	.48 .00 .00 .00	00. 00. 00. 00. 00.	00. 00. 00. 00.	.00 .00 .00 .00
اء ا	151	Far	NSN	TOTAL MEAN MAX MIN AC-FT CFSM IN.	62.38 2.01 44 .00 124 .16 .19	420.04 14.0 249 .00 833 1.14 1.27	251.90 8.13 143 .00 500 .66 .76	205.79 6.64 76 .00 408 .54	194.39 6.94 43 .00 396 .56	223.41 7.21 69 .00 443 .59	217.28 7.24 81 .00 431 .59 .66	339,47 11.0 74 .00 673 .89	445.07 14.8 309 .00 883 1.21 1.35	0.00 .000 .00 .00 .00 .00	00.00 .000 .00 .00 .00	0.99 .033 .99 .00 2.0 .00
				STATIST	ICS OF MO	MTHLY NE	AN BATA FO		YEARS 1985	- 1993,	BY MATER	YEAR (WY)			
				MEAN MAX (VY) MIN (UY)	10.6 42.6 1985 .34 1988	6.62 14. 9 1986 .000 1989	13.7 70.8 1992 .45 1989	6.56 22.6 1991 .13 1988	7.44 29.2 1992 .084 1968	5.14 13.0 1992 .66 1988	5.64 16.0 1991 1.48 1987	17.1 30.4 1967 4.58 1986	12.3 46.1 1987 3.82 1990	2.70 11.9 1987 .000 1 9 89	3.41 18.4 1991 .000 1993	4.64 12.6 1986 .033 1993
					STATISTI	CS .	FOR 1		NDAR YEAR	f	FOR 1993 WA	TER YEAR		MATER YEA	RS 1985	- 1993
				LOWEST	TOTAL MEAR ANNUAL ME BALLY ME BALLY ME SEVEN-DAY ANEOUS PE RUMOFF (A RUMOFF (A RUMOFF (EXCEE ENT EXCEE		:	7990 12.1 31 .0	tov 19 0 Apr 13 0 Apr 25		2350.72 6.47 309 .00 2860 10.59 4680 7.34 11	Jun 26 Oct 10 Jun 26 Jun 26	i	8.01 15.7 3.26 948 .00 16000 23.11 5810 .65 8.85 14	Qec Qet Hay Hay	1992 1998 20 1991 1 1984 6 1985 24 1981 24 1981

ATTACHMENT H

CHRONOLOGY OF DOCUMENTS (INCLUDING COPIES OF RECORDS OF COMMUNICATION, LETTERS, SITE INSPECTION REPORTS, ETC.)

CHRONLOGY OF DOCUMENTS REVIEWED FOR CAPITAL GAS LIGHT COMPANY PRELIMINARY ASSESSMENT

DOCUMENT 1: Prior to January 1991, an Environmental Site Assessment (not dated) was also performed by EES, which contains an operating history, title search, and recommendations for further sampling.

DOCUMENT 2: In January, 1991, a Level II Environmental Investigation Report by Environmental Engineering Services (EES) Seven boreholes were drilled at the site to a depth of 20 feet, upgradient and downgradient from the former small and larger underground storage tank areas. A vapor analyzer was used and two samples per borehole were retained for analysis of potential hydrocarbons (Total Petroleum Hydrocarbons or TPH and Benzene, Toluene, Ethyl benzene, Xylene or BTEX). Samples for analysis were taken at the highest PID reading and at the bottom of each borehole. In addition, a near surface sample was taken for heavy metal analysis (total metals for chromium or Cr, lead or PB, molybdenum or Mo, and zinc or Zn). Water table was encounter between 10 to 20 feet. One monitoring well was installed in borehole #3 to obtain a water sample, which was analyzed for TPH and BTEX. Three sumps (1 & 2 are in Building C and 3 is across West Fifth) were analyzed for pH, Cr, Pb, Zn, TPH, and BTEX. results were:

- 1) BTEX and TPH were found in two of the boreholes (7 & 5);
- 2) soils were discolored and elevated levels of lead were found at 0-4 feet;
- first 9 feet in one borehole may be part of the slag or detritus pile from the ironworks;
- 4) sumps contain TPH with Zn, Pb, Cr, xylene, and 1,1,1 trichloroethane; and
- 5) water sample contain nondetect levels of BTEX and TPH.

DOCUMENT 3: On April 8, 1991, a Phase II Environmental Due Diligence Review by James McNutt & Associates (JMA) was performed. JMA determined that:

1) EES's heavy metal results were determined to

be naturally occurring, and that EES should have used Toxicity Characteristic Leaching Procedure (TCLP);

- 2) an iron works plant had not operated at the site, and that detritus, slag, or metal containing sand was not observed by EES but rather they had mistaken mica or feldspar chips for such.
- hydraulic fluids were noted as not leaking;
- 4) sumps were used as oil and grease traps, and that the third sump was part of the City's waste water system. Contamination in the sumps have resulted from used waste oil and auto parts cleaning.
- 5) no leaky drum on northside of property was observed.
- 6) it was concluded that the six-30 to 60 gallon-hydraulic reservoirs did not need to be registered because they are too small, and that because the above ground tanks had secondary containment, the site needed no further regulatory action regarding these facilities.

On May 15, 1992, a Site Response Report and DOCUMENT 4: Remediation Proposal by JMA was made. On March 27, 1992, a rain event caused flooding of a storage area (at the west end of Building C), which was uncovered but bermed. 24 drums, fifteen 1gallon used oil containers, and one 1,000-gallon AST, all containing used oil, were stored in this area. A company, Mobley, pumped the contaminated area. An unquantified release to Shoal The smaller containers were poured in one 55-Creek occurred. gallon overpack drum. The drums and the fluid collected by Mobley were sampled. Analyses were run for total organic halides (TOX) metals. Mobley equipment was believed crossed contaminated and resampled. Lead was found to be in excess. 1,1,1 trichloroethane, acetone, Elevated levels of TOX, tetrachloroethane, and BTEX, methylene chloride were found.

DOCUMENT 5: On October 13, 1992, a Site Response Report and Remedial Procedures (which is an update of the above 5/15/91 report) by JMA to Comerica, Inc. was made. The difference between this report and the previous is that there is added information regarding the fluids in drums being recycled by Mobley and drums

recycled by Dallas Steel.

DOCUMENTS 6a and 6b: On August 6, 1993, a both a Phase I Environmental Site Assessment (12a) and a Workplan and Cost Estimate for Site Remedation (12b) by Southwestern Laboratories (SWL) was generated. Repeats the above history and describes site plus the following:

- 1) site was once a "pine knot" gasification plant located in the southwest corner and the gas storage tank was located in northwest corner of the site (south of W. 5th);
- 2) two 40-gallon used oil drums exists, one in Building B and one in C, both with hydrocarbon or hydraulic fluids, partially full;
- 3) six hydraulic lifts located in Building A, B, C service areas are also listed as PSTs; and
- 4) two buildings once located on north of West Fifth Street are no longer present.

DOCUMENT 7: On September 20, 1993, a Summary of Limited Subsurface Investigation Results by SWL was submitted to Comerica for the purpose of evaluating potential chemical impact to site shallow soils and ground water from two underground storage tanks, a chemical drum storage area, and a "town gas" processing facility formerly located at the site. Installation and sampling of 4 soil borings/groundwater monitoring wells occurred. Analyses for ground water included: TPH, Volatile Organic Compounds (VOC), and TCLP metals. Analyses for soils included: TPH, VOC, metals (arsenic, barium, cadmium, Chromium, lead, mercury, selenium, silver), and total dissolved solids (normal - 537 to 710 mg/L). The results were:

- 1) TPH was found at 1.5 feet, which indicated that shallow soil has been impacted;
- 2) lead concentrations in 3 of the wells were
 three times the drinking water standard of 0.5
 mg/L;
- 3) chromium concentration in groundwater from one well is over two times the drinking water standard of 0.1 mg/L; and
- 4) Vocs were nondetect.

DOCUMENT 8: On November 11, 1993, a Repeat Groundwater Assessment Activities by JMA was reported. Repeated SWL sampling of the four wells, said the wells were not developed properly. Also, they filtered their metal samples. The results indicated that no contamination of groundwater (within standards) existed and recommended no further action.

DOCUMENT 9: On November 16, 1993, Southwestern Laboratories Services sent a letter to the Kucera Company regarding: a "Summary of Additional Water Sampling & Analysis for 805 West Fifth Street, Former Austin Toyota Facility, Austin, Texas". Split samples with JMA (above 11/11/93 - concurred with this report) and also found that no detection or impact to groundwater. Their samples were unfiltered.

DOCUMENT 10: On December 13, 1993, Invoice for Additional Groundwater Sampling & Drum Removal by SWL was submitted to the Kucera Company. SWL recommended that soil removal impacted by the above ground storage tank and drum storage area, under a concrete slab, to be 55 cubic yards.

DOCUMENT 11: On March 24, 1994, Diane Poteet, SSDAT, TNRCC, corresponded by letter to Larry Voight, Comerica Incorporated regarding site information and access.

DOCUMENT 12: On March 24, 1994, Diane Poteet, SSDAT, TRNCC corresponded by letter to Shannon Breslin, Texas Parks and Wildlife Department regarding endangered and threatened species.

DOCUMENT 13: On March 24, 1994, Diane Poteet, SSDAT, TNRCC to corresponded with Denise Cheney, Assistant Attorney, City of Austin by Letter regarding a request for information.

DOCUMENT 14: On April 5, 1994, Diane Poteet, SSDAT, TNRCC, spoke with Ramond Slade of the United States Geological Survey by telephone regarding the Edwards Aquifer in Austin, Texas.

DOCUMENT 15: On April 13, 1994, Diane Poteet, SSDAT, TNRCC, met with Jeff Blass, Wellhead Protection Program, TNRCC to discuss wells in study area.

DOCUMENT 16: On April, 13, 1994, Diane Poteet, SSDAT, TNRCC, telephoned Kurt Wagner, Water Utilities Division, TNRCC regarding public water supply information for Austin.

DOCUMENT 17: On May 11, 1994, Diane Poteet, SSDAT, TNRCC, spoke by telephone to Norm Rice, Texas Department of Health, Shellfish Division regarding fish/health advisories for the Colorado River in Austin, Texas.

CAPITAL GAS LIGHT COMPANY

DOCUMENT 1

ENVIRONMENTAL SITE ASSESSMENT

For the Evaluation of Potentially Hazardous Materials

Austin Toyota Dealership 805 West Fifth Street Austin, Texas 78703

Prepared for:

Comerica Bank Detroit, Michigan

Prepared by: Angela Neville

Environmental Engineering Services, Inc. 12655 North Central Expressway, Suite 306 Dallas, Texas 75243 214-239-0773

9) "Environmental Site Assessment, Austin Toyota Dealership" prepared by Environmental Engineering Services, Inc.

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EXECUTIVE SUMMARY

Environmental Engineering Services, Inc. performed a Level I site inspection for Comerica of the property containing the Austin Toyota dealership facility located at 805 West Fifth Street, Austin, Travis County, Texas, which will be referred to as the site (see Figure 1). The site is situated in the western end of the central business district of Austin, an area of mixed commercial uses. Angela Neville inspected the site on September 13, 1990.

The site is composed of seven separate tracts of real property, Tract 1 and 2 are situated north of Fifth Street and Tracts 3, 4, 5, 6, and 7 are situated south of Fifth Street. Tracts 1 and 7 are bordered on the west by Shoal Creek. The main building and three service buildings are situated on Tracts 4, 5, and 6. Two service buildings, which constitute the Toyota Truck Department, are located on Tracts 1 and 2. The tracts are improved with asphalt parking and fencing. Unstressed vegetation comprises less than ten percent of the site.

The main building is a two-story concrete block structure that contains a showroom, sales office, parts department, and executive offices. The building was inspected for potential asbestos-containing materials. A sample of the ceiling tile from the showroom was taken. It was analyzed by EES and was found not to contain asbestos.

POTENTIAL PROBLEMS:

- 1. According to the Texas Water Commission Registered Underground Storage Tank List, the eight underground storage tanks on the site were installed in 1962. The tanks are twenty-eight years old and contamination may have occurred.
- 2. The past land use could have caused contamination. There could be hydrocarbon contamination from the trucking company or the used car dealership or heavy metal contamination from the ironworks.
- 3. The 55-gallon metal drum labeled "Panther Chemical Energy Red Hot" appears to be leaking on to the floor of the warehouse.
- 4. Three sumps are present on the site. If any of the sumps are cracked, contamination could result.

5. Three aboveground storage tanks, one containing waste oil and the other two containing new oil, are located near Shoal Creek. Because the site is in the 100 year flood zone, leaks from the tanks could contaminate Shoal Creek.

Detailed discussion of observations and information is presented in subsequent sections of this report.

In the best professional judgment of Environmental Engineering Services, Inc., further testing is required in order to determine whether a problem exists.

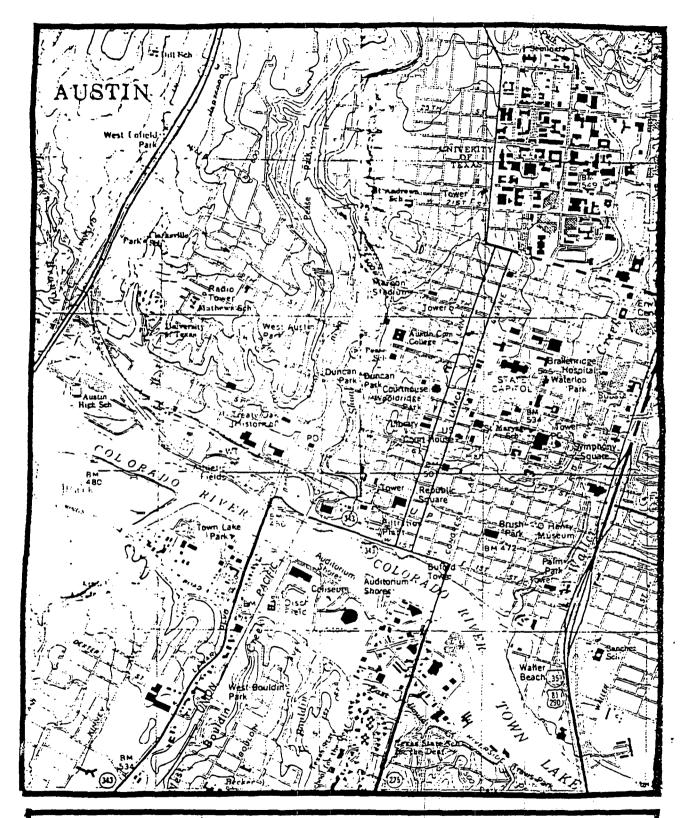


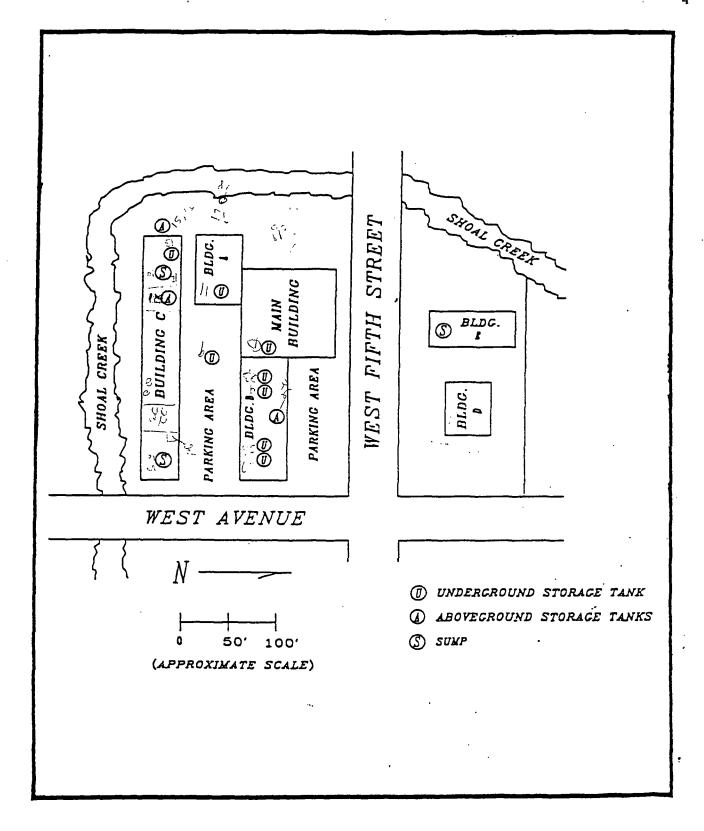
FIGURE 1- LOCATION MAP

Scale: 1"=1,000'

10 Foot Contour Interval

AUSTIN EAST, TEXAS AUSTIN WEST, TEXAS 7.5 Minute Quadrangle





SITE MAP FIGURE 2



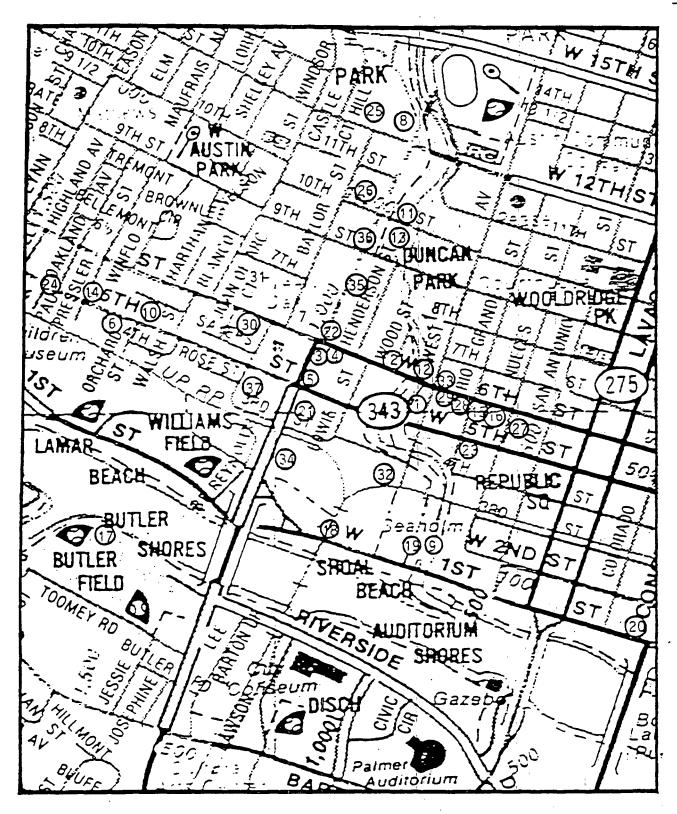


FIGURE 3 AREA MAP



TABLE 1 KEY TO AREA MAP

NUMBER	BUSINESS
1 2 3 4 5 6 7 8	Austin Toyota, Inc. (UST) (Haz. Mat.) Bill McMorris Ford (UST) (Haz. Mat.) Capitol Chevrolet Body Shop (UST) (Haz. Mat.)
4	Capitol Chevrolet, Inc. (UST)
5 c	Capitol Chevrolet, Made Ready (UST) Criswell Bus Terminal (UST) (Haz. Mat.)
7	Jack Brown (UST)
Ŕ	Kwick Mart #1 (UST)
9	Seaholm Power Plant (UST)
10	Southwestern Bell Telephone (UST)
11	Chevron USA (UST)
12	Town Lake Chrysler (UST)
13	Southland Corp. (UST)
	Back-In-A-Flash (Haz. Mat.)
14	Abandoned Roofing Co. (UST)
15	Cothron's Texaco Serv. (UST)
	C. Van R Automotive Service (Haz. Mat.)
16	Katz & Atlas (UST)
17	Butler Landfill
18	City of Austin (COA) (Spills List)
19	COA Seaholm Power Plant (Spills List) (Haz. Mat.)
	COA Green Water Treatment Plant (Haz. Mat.)
20	Unknown Responsible Party (Spills List)
21	Benz Workshop (RCRA Notifier) (Haz.Mat.)
22	Coffey Lincoln Mercury (RCRA Notifier)
23	Covert Buick (RCRA Notifier) (Haz.Mat.)
24 25	Denham, Inc. (RCRA Notifier) Don's Paint & Body Shop (RCRA Notifier)
26	Tip Top Cleaners (RCRA Notifier)
27	Miller Blueprint Co., Inc. (Haz. Mat.)
28	Austin Printing & Mailing (Haz. Mat.)
29	Burks Reprographics (Haz. Mat.)
30	Restoration Shop at Treaty Oak (Haz. Mat.)
31	Hines Pool & Spa (Haz. Mat.)
32	COA Service Center 12 (Haz. Mat.)
33	PSP Professional Corp. (Haz. Mat.)
34	Goodwill Industries of Austin (Haz. Mat.)
35	David L. Schade, D.D.S. (Haz. Mat.)
36	Strait Music Company (Haz. Mat.)
37	Tips Iron & Steel Company (Haz. Mat.)
~ ·	

TABLE 2
UNDERGROUND STORAGE TANKS LIST

EY	ONNER/LOCATION	TANK No.	REGISTERED?	LUST? (Y/N)	STATUS	YEAR INSTALLED	CAPACITY	SUBSTANCE	TANK MATERIAL	DISTANCE/ DIRECTION	HYDROLOGI RELATIONSH
===	=======================================	======	=======================================	======	========	========	========	==========		FROM SITE	FROM SITE
1	Austin Toyota, Inc.	1	Y	н*	pern out	1962	Foo	-19			•
-	805 H. 5th St.	ż	Ÿ	H		1962	500 500	oil	stool	on site	on site
	Austin, Toyota	3	Ý	N N	pern out		500	oil	stool	on site	on site
	nastin, rogota	J	Ÿ	H	pern out	1962	500	oi l	stool	on site	on site
		7		-	pern out	1962	500	oi l	stool	on site	on site
		5 6	γ	H H	pern out	1962	500	oil	steel	on site	on site
		7	Y		perm out	1962	500	oi l	steel	on site	on site
		8	Y	N N	pern out	1962	500	oi l	steel	on site	on site
		0	•	"	perm out	1962	500	oil	steel	on site	on site
?	Bill McMorris 1215 W. 6th St.	1	Y	н	pern out	unknoun	unknown	unknoun	unknown	660° northuest	, upgradie
	Austin, Toxas							•	.· .		
1	Capitol Chevrolet	1	Y	н	active	1961	3,000	gas	steel	1226'	upgradi e
	Body Shop	2	Y	H _.	activo	1977	6,000	qas	stool	northuest	ab 3. gat e
	500 M. Lanar Austin, Texas							-			
1	Capitol Chevrolet, Inc.	1	Y	н	active	unknoun	unknown	gas	steel	1037'	upgradi e
	500 N. Lanar	2	Y	H	active	unknoun	unknoun	gas	steel	northwest	49, 441,
	Austin, Texas	3	Y	H	active	unknoun	unknown	õil	steel		
i	Capitol Chevrolet	1	Y	н	active	1966	250	oil	steel	1131'	a ma mara a alda a
	Make Ready	2	Y	H	active	1966	250	oil	steel	northuest	upgradi e
	109 N. Lamar	3	Ÿ	H	active	1966	250	oi l	steel	HOL CHRAZE	
	Austin, Texas	4	Ÿ	H	active	1966	250	oil	steel		
	•	5	Ÿ	H	active	1966	250	oil	steel		
		6	Ÿ	H	active	1966	250	oi l	steel		
		7	Ÿ	H	active	1966	250	oil	steel		
		8	Ÿ	H	active	1966	250	oil	steel		
		9	Ÿ	H	active	1966	. 250	oi l	stool		
5	Criswell Bus Terminal	1	Y	н	perm. out	unknown	unknoun	(renoved)	- steel	3112*	upgradi e
	1315 H. 5th St.	2	Y	н	perm. out		unknoun	(renoved)	steel	HOST	opgi adi v
	Austin, Texxas	3	Ý	н	activo	1984	8,000	diesel	steel	7030	
	•	4	Ý	H	active	1984	8,000	gasoline	steel		
		5	Ÿ	H	active	1981	8,000	gasoline	steel		
,	Jack Brown	1	Y	н	teнp; out	1981	12,000	gasoline	steel	1509'	unge seli s
	1009 H. 6th St.	2	Y	H	temp. out	1901	12,000	gasoline	steel	Hest	upgradi e
	Austin, Texas	Э	Ÿ	H	temp. out	1976	8,000	gasoline	stool	H43(4
		4	Ÿ	H	temp. out	1901	4,000	diesel	steel		
3	Kwick Hart #1	. 1	Y	н	active	1978	6,000	gasoline	steel	2829*	upgradie
	1200 N. Lamar Blvd.	2	Ÿ	Ĥ	active	1978	6,000	gasoline	steel	northwest	approute.
	Austin, Texas	3	Ϋ.	H	active	unknoun	2,000	gasoline	stool	TOT CIMESC	
	•	1	Y	H	active	unknown	2,000	gasoline	steel		
9	Seaholm Power Plant	1	Y	H	temp. out	1953	33000	hazardous	steel	11337	da 41
	900 H. First St.	2	Ý	Ä	active	1956	282,111	fuel oil	steel	1132*	doungradi
	Nustin, Texas	3	Ÿ	H	active	1956	202,111	fuel oil		south	
		4	Ÿ	N N							
	_	-,	Y	r	aclivo	1956	202,111	oi l	steel		

TABLE 2
UNDERGROUND STORAGE TANKS LIST

KEY	OHHER/LOCATION	ТАНК Но.	REGISTEREO? (Y/N)	LUST? (Y/N)	STATUS	YEAR INSTALLED	CAPACITY GALLONS	SUBSTANCE	TANK HATERIAL	DISTANCE/ DIRECTION FROM SITE	HYDROLOGIC RELATIONSHIP FROM SITE
10	Southwestern Bell 1301 H. 5th St. Rustin, Texas	t	Y	н	aclive	นกหกอมก	10,000	gasoline	steel	2923° northuest	Upgradi ent
11	Chevron U.S.A. 10th St. & Lamar Blvd. Rustin, Texas	1	Y	Ħ	perн. out	1961	1,000	Unknoun	steel	2075° northuest	upgradi ent
12	Town Lake Chrysler 841 H. 6th St. Rustin, Texas	1	Y	H	active	1958	45	oil	steel	566° Hest	upgradient
13	Southland Corp. 917 N. Lamar Blvd. Austin, Texas	1	Y	H	active	1980	12,000	gasoline	steel	1886* northuest	upgradient
14	Abandoned Roofing Co. 1512 H. 5th St. Austin, Texas	1 2	Y Y	H	renoved renoved	1959 1959	1,000 1,000	gasoline gasoline	steel steel	3489* uost	upgradient
15	Cothron's Texaco Serv. 701 H. 6th St. Rustin, Texas	1 2 3	Y Y Y	Н Н Н	unknoun unknoun unknoun	unknoun unknoun unknoun	บกหกอนก บกหกอนก บกหกอนก	unknoun unknoun unknoun	unknoun unknoun unknoun	751' east	upgradient
16	Katz & Atlas, Inc. 618 H. 6th St.	1	Y	н	porm. out	1939	15,000	unknoun	steel	660° northeast	upgradi ent

TABLE 3

ENVIRONMENTAL ENGINEERING BERVICES INC.

DALLAS 12655 N. Central Expwy '306 Dalas, Tx 75243 214-239-0773

DETROIT 42201 Ann Arbor Rd Phymouth, Mi 48170 313-459-6180

BULK SAMPLE ANALYSIS

CLIENT PROJEC	Comerica Bank Austin Toyota	-Texas		DATE TO	ESTED S	9-20-90 -01	Method;	PLM with	n Dispersi	on Staini
SAMPLE ID NO. 100M		1CQM-01								
SAMPLE DESCRIPTION		ceiling tile	<u> </u>							
ASBESTOS FIBERS PRESENT	AMOSITE									
	CHRYSOTILE								•	
	CROCIDOLITE					-				
	PERCENT ASSESTOS IN SAMPLE								·	
			<u>.</u>			•				į
OTTIER FURCOUS MATERIALS NOTED	MINERAL WOOL	х								
	FIBER GLASS									
	CELLULOSE	х								
OTHER NON-FEROUS MATERIALS NOTED	CARBONATES									
	GYPSUM									
	MICA									
	CLAY									Į
	QUARTZ									

COMMENTS: N/D indicates asbestos fibers were not detected using PLM Methods
ENVIRONMENTAL ENGINEERING SERVICES, INC. WILL RETAIN SAMPLES FOR A PERICOF 30 DAYS IF FURTHER ARRANGEMENTS ARE NOT MADE SAMPLES WILL BE DISPOSED OF AT THAT TIME.

	ν l l l l
ANALYST	Man J. John

DATE 9-20-90

OBJECTIVES

A Level I Environmental Property Assessment was conducted by Environmental Engineering Services, Inc. for Comerica, in accordance with a Letter of Agreement dated August 15, 1990. The purpose of the environmental assessment is to identify current potential environmental liabilities associated with the property. In addition to the on-site inspection, the history of the site was researched by Environmental Engineering Services to assess the potential for past on-site waste disposal and surrounding property uses were investigated to identify potential off-site sources of contamination.

The scope of services for this project is outlined in the Letter of Agreement referenced above and found in Appendix A of this report. A summary of these services includes the following: a visual inspection of the site and adjacent properties; photographic documentation of the site; a review of historical data including public records, topographic maps and aerial photographs; environmental inquiries to local regulatory agencies, local utility, water and sewer authorities; and records of communications with each contact.

This investigation was conducted to determine the existence of any potential environmental liabilities. It included a review of site operations and activities to ascertain the use, storage, handling and disposal of any hazardous materials; an examination of records of required environmental permits; investigation of evidence of soil, water, or groundwater contamination found in historical records; an inspection of storage tanks and documentation of existing methods of tank protection and any previous repairs or removals, if present. In addition, photographs were taken to document salient features and any areas of concern.

Agencies contacted for information pertaining to the site included the City of Austin Planning, Zoning, Storm Water Management, Public Works, Building Inspection and Environmental Health Departments, Fire Marshal, Texas Water Commission, Environmental Protection Agency, City of Austin Utilities Department, area tenants, and persons with knowledge of the property.

Aerial photographs from municipal and library rescurces sources were reviewed for visible evidence of past land use.

It should be noted that when an assessment is completed without adequate subsurface exploration or chemical screening of soil and groundwater beneath the site, as in this study, no statement of scientific certainty can be made regarding latent

subsurface conditions which may be the result of on-site or offsite sources. The findings and conclusions of this report are
not scientific certainties, but rather, probabilities based on
professional judgment concerning the significance of the data
gathered during the course of the environmental investigation.
Environmental Engineering Services is not able to represent that
the site or adjoining land contains no hazardous waste, oil, or
other latent condition beyond that detected or observed by
Environmental Engineering Services during this environmental
assessment. The possibility always exists for contaminants to
migrate through surface water, air, or groundwater. The ability
to accurately address the environmental risk associated with
transport in these media is beyond the scope of this
investigation.

SITE OVERVIEW

The subject property was purchased at various times as seven separate tracts. Tracts 1 and 2 are located north of Fifth Street and Tracts 3, 4, 5, 6, and 7 are located south of Fifth Street. The address is 805 West Fifth Street, in the City of Austin, Travis County, Texas. Geographic coordinates for this site are 97°45'5" longitude, 30°16'10" latitude (see Figure 1).

The site was inspected on September 13, 1990 by Angela Neville, who performed the site walkover and interviewed surrounding property users. A field checklist may be found in the Reference section of this report, and documentation photographs may be found in Appendix C.

The site is occupied by the Austin Toyota dealership. The Toyota Truck Center, composed of a warehouse and a small office building, is located on Tracts 1 and 2. Austin Toyota's main facility, which includes the main building and three service buildings, is located on Tracts 4, 5, and 6. Tracts 3 and 7 contain parking lots. The Austin Toyota dealership sells cars and trucks and performs automotive repairs.

SITE BACKGROUND/OPERATING HISTORY

Historic records of businesses listed in the area in City Directories, municipal building permits and historic maps, and prior ownership through a deed record search were all examined for evidence of past land use (see chain of title in Appendix B).

The site currently is owned by Peter G. Vescovo, who is the owner of the Austin Toyota dealership. Mr. Vescovo purchased the property as seven separate tracts.

Chain of Title Summary

Tract 1

The property was owned by the Hewitt family from 1936 until April 21, 1981. At that time based upon the authority given to them in a trust agreement dated March 15, 1979, the descendents of R.H. Hewitt sold the property to Peter G. Vescovo, III, by warranty deed. On November 24, 1981, a judgment rendered by the Milam County District Court on March 25, 1980, in Cause Number 18,204, was recorded at the Travis County Deed Records Office. In the judgment, the Court set aside the trust agreement of March 15, 1979, and declared it to be null and void. However, the judgment was recorded after the conveyance to Mr. Vescovo. On

November 9, 1988, Peter G. Vescovo, III conveyed the property to Pete G. Vescovo and Dorothy Vescovo.

Tract 2

The property was owned by the Franzetti family from 1926 until September 4, 1981. At that time, the descendents of Angelo Franzetti sold the property to Pete G. Vescovo.

Tract 3

On June 17, 1896, D.P. Kinney conveyed the tract to the Board of Trustees of the Austin Public Free Schools. On May 24, 1947, the City of Austin sold the property to J.F. Steussy. On December 29, 1970, J.F. Steussy conveyed the tract to Charles Vana and his wife Marie Vana. On November 24, 1987, Marie Vana sold the property to Peter G. Vescovo.

Tract 4A

On June 17, 1896, D.P. Kinney conveyed the tract to the Board of Trustees of the Austin Public Free Schools. On May 24, 1947, the City of Austin sold the property to J.F. Steussy. On June 7, 1954, J.F. Steussy sold the property to Jay H. Brown, Trustee, who in turn conveyed the property to C.B. Smith on the same day. C.B. Smith, Sr. sold the tract to Pete G. Vescovo and Dorothy Vescovo on March 1, 1973.

Tract 4B

The property was owned by the Thomas family from 1923 until April 25, 1973. At that time, the descendants of Charles Thomas sold the property to C.B. Smith. C.B. Smith, Sr. conveyed the tract to Pete G. Vescovo and Dorothy Vescovo on March 1, 1973. On December 10, 1980, the Vescovos sold 4,421 square feet of the tract to the City of Austin.

Tract 5

The property was owned by the Macken family from 1935 until April 27, 1960. At that time, the descendants of Joe Macken conveyed the tract to C.B. Smith, Sr. On September 5, 1980, Pete G. Vescovo and Dorothy Vescovo purchased the tract from C.B. Smith. The Vescovos conveyed 4,421 square feet of the tract to the City of Austin on December 10, 1980.

Tract 6

The property was owned by the Macken family from 1935 until March 1, 1983. At that time, the descendants of Joe Macken conveyed the tract to Pete G. Vescovo.

Tract 7

On July 22, 1939, H.E. Little and A. O. Goslin purchased the tract from the Calcasieu Lumber Company. The property was conveyed in five separate transactions to a series of individuals after that time until August 10, 1981, when Pete G. Vescovo purchased it from James Bell and Betty Lydick. On August 24, 1982, Pete Vescovo sold 8,109 square feet of the property to the City of Austin.

Hereafter in this report, Tracts 1 and 2 will be referred to as the "northern" tract and Tracts 3, 4, 5, 6, and 7 will be referred to as the "southern" tract.

Property Use History

According to information found in past Austin City Directories, the site was formerly occupied by a private contractor in 1940, a trucking company in 1947 and 1952, and a used car dealership in 1960. In 1971, the Austin Toyota dealership started conducting business on the site. In the 1940's and 1950's, Howland Ironworks operated its business on or near the site. Sani Products of Texas produced potato chips at its facility located on or near the site during the 1940's and 1950's. A tavern, Jake's Beer, conducted business on or near the site from the 1950'through the 1980's. An automotive transmission repair shop operated its business on or near the site during 1960. An automotive paint and body shop was located on or near the site during the 1970's and 1980's. An automobile dealership has been in business adjacent to the site from 1970's through the present time.

Zoning

The site is zoned downtown mixed usage, DMU, according to the zoning codes of the City of Austin (see references). DMU is defined as areas zoned for residential and commercial use. This zoning went into effect in February 1984, prior to which the area was zoned commercial. The site is in an area of the City of Austin known as the Central Business District.

Aerial Photograph Interpretation

Environmental Engineering Services reviewed aerial photographs dated 1958, 1984, and 1989 from municipal sources and the Austin Historical Society. Photographs were reviewed to identify changes in site usage, adjoining land use, and possible waste treatment, storage or disposal areas. Earlier photographs of this site were not available from these sources.

The 1958 aerial photograph shows the site as being improved with buildings and parking lots. The surrounding area is a highly developed commercial district. Shoal Creek, bordering the site on the west and the south, flows in a southerly direction toward the Colorado River. The Colorado River is located approximately five blocks to the south of the site and is labeled Town Lake on the map.

The 1984 aerial photograph depicts the site as having two buildings and a parking lot on the northern tract. On the southern tract, there are the following structures: the main building; two service buildings attached to the main building;

and a service building south of the main building. East of the main building is a small structure, a tavern. Other car dealerships are located one block west and two blocks northwest of the site. Railroad tracks are situated approximately one block south of the site. The power plant and the water treatment plant operated by the City of Austin are located approximately two blocks south of the site.

The 1989 aerial photograph shows the site as it appears today. The tavern building, visible on the southern tract in the 1984 aerial photograph, is no longer present and has been replaced by a parking lot. The surrounding area still appears highly developed.

Copies of these photographs are included in Appendix C of this report. No evidence of dumping or illegal waste disposal is visible.

ENVIRONMENTAL SETTING

Surface Water Characteristics

Environmental Engineering Services reviewed the following documents so that a general assessment of surface water drainage, flooding, and potential contaminant migration could be identified.

The United States Geological Survey 7.5 Minute Quadrangle Series Topographic Map for Austin West, municipal topographic and Federal Emergency Management Program flood insurance maps were reviewed by Environmental Engineering Services. According to FIRM Community Panel No. 480624 0075 B, effective date September 2, 1981, the site is situated in Zones A, B, and C. Zone A is comprised of areas within the 100-year flood zone, with the base flood elevations and flood hazard factors not yet determined. Zone B is comprised of areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. Zone C is comprised of areas of minimal flooding.

Surface water in this area appears to drain in a southerly direction toward Shoal Creek. Shoal Creek borders the northern tract and the southern tract on the west. It also forms the southern boundary of the southern tract. Generally, Shoal Creek flows south to southwest into the Colorado River.

Groundwater Characteristics

The major aquifer in this area is the Edwards Formation (Balcones Fault Zone) and associated limestones from the

Cretaceous Series. It consists of massive to thin-bedded, nodular, cherty, gypseous, argillaceous white to gray limestone and dolomite.

The Texas Water Development Board has no records indicating that there are any water wells on the site. However, the representative of the Texas Water Development Board stated that there could be old abandoned public wells on or near the site that do not appear in their records. There are three water wells within approximately a half-mile radius of the site. A water well drilled in 1900 is located near Sixth Street and Brazos and is probably not being used. Another water well is situated near the intersection of Fifth Street and San Jacinto and is probably not being used. Drilled in 1958, a water well located near the intersection of Eighth Street and Guadalupe Street is listed as destroyed in the agency's records.

Water Supply, Wastewater Utilities, and Solid Waste Disposal

This property is located in the City of Austin and is supplied municipal services for water and sewer (see References).

The Colorado River is the source of water for the City of Austin. The Colorado River runs through the central portion of the City of Austin. Shoal Creek, adjacent to the site, flows into the Colorado River.

The water is treated at the Thomas Green Plant operated by the City of Austin and tested daily for bacterial and chemical contamination. Water and Health Department authorities contacted did not have any records which indicate contamination problems affecting the water quality in this area. However, heavy rains increase the turbidity of the water drawn from the Colorado River and affects the taste of the water. When the water from the Colorado River becomes extremely turbid, the Thomas Green Plant is temporarily shut down and the two other water treatment plants, the Ullrich Plant and the Davis Plant, are used.

Solid waste at the site is picked up by a commercial hauler for the City of Austin for disposal in a landfill located on FM Highway 812 outside the city limits of Austin.

There are no records of current or historic landfills on this site.

The nearest landfill, the Butler landfill, is approximately one mile southwest of the site. The Butler landfill is located on the south shore of the Colorado River and extends from a small creek west of MoPac highway east about 2,500 feet into Zilker Park. It was operated by the City of Austin from 1948 to 1967. It was operated exclusively for municipal waste, but it was an uncontrolled site and may contain some waste from other sources. A monitor well was installed at this landfill in February 1984 and water quality samples were collected in May 1984. The

results of the analysis of the water samples show no concentrations of any constituent which would be defined by the Environmental Protection Agency as hazardous, according to a report prepared by the Solid Waste Services Division of the City of Austin.

ON-SITE INSPECTION

The site was inspected on September 13, 1990 by Angela Neville of Environmental Engineering Services. The site is the Austin Toyota dealership facility, located at 805 West Fifth Street, Austin, Travis County, Texas, which will be referred to as the site (see Figure 1). The site is situated at the western end of the central business district of Austin, an area of mixed commercial uses.

For purposes of description, the site can be divided into two large tracts, one north of Fifth Street and one south of Fifth Street. Hereafter in the report, Tracts 1 and 2 will be described as the "northern tract" and Tracts 3, 4, 5, 6, and 7 will be described as the "southern tract". Both the northern and the southern tract are bordered on the east by West Avenue and on the west by Shoal Creek. Shoal Creek also forms the southern boundary of the southern tract. The Main Building and Service Buildings A, B, and C are situated on the southern tract (see Figure 2). Service Buildings D and E, which constitute the Toyota Truck Department, are located on the northern tract. Both tracts are improved with asphalt parking lots and fencing.

The Main Building is a two-story concrete block structure that contains a showroom, sales office, parts department, and executive offices. The building was inspected for potential asbestos-containing materials. An electrical transformer is situated adjacent to the Main Building. It shows no signs of corrosion or leakage.

General automotive repairs are performed in Building A, adjacent to the Main Building. Many plastic containers were observed that were labeled anti-freeze, carburetor cleaner, transmission fluid, and hydraulic fluid. Building B, adjacent to the Main Building, is also used for general automotive repair work. At the east end of Building B, approximately 64 used batteries were placed on the asphalt driveway. According to an Austin Toyota employee, these batteries are removed periodically.

An aboveground storage tank that contains new motor oil is located in Building B. Self-contained Safety-Kleen washing stations were observed in all three service buildings. Safety-Kleen is a cleansing agent containing 1,1,1 Trichloroethane that is used by the employees to remove grease.

Building C is a large elongated building located south of the Main Building and Buildings A and B. On the western end of the building, there is an aboveground storage tank that is used for storing waste oil and used antifreeze. The waste oil is removed approximately every two weeks. Another aboveground storage tank used for storing new oil was observed in the central

part of the building. In addition, a square metal-lined pit located in the floor of the center portion of the building was filled with an unidentified viscous substance.

Two sumps are located in Building C. One sump, which is not currently being used, is located in the western part of the building in a room filled with automotive parts. Another sump, which is being utilized, is situated in the makeready room. Containers labeled floor cleaner, laundry detergent, car scent, car wax, and machine glaze were present in the makeready room, located in the eastern end of the building.

Building D, located at the northern tract, is a small office building used by the sales personnel. Building E, also situated on the northern tract, is a warehouse that the Austin Toyota dealership stopped using approximately twelve months ago when it moved its used car operations to an 'area directly west of the site. A sump is located in the south end of the building; however, it is covered with discarded cardboard boxes and has not been used for approximately twelve months.

In the central portion of the warehouse is a metal 55-gallon drum that was labeled "Panther Chemical Energy Red Hot". A dark viscous substance is spilled on the concrete floor next to the drum. Much debris is present in the building, including automobile parts and tires. Containers were observed that were labeled acrylic floor finish, vinyl restorer, super carwash, and paint.

A field checklist was utilized during the inspection and is included in the Reference section of this report. No visible evidence of air emissions, surface impoundments, landfills, or waste waters was observed during the inspection.

Directly north of the northern tract is Olde English Automotive Repair Shop. It appeared clean and well-maintained. Due west of the northern lot and Shoal Creek is the Lightning Lube facility. An office building containing the Litho Print Company is located across West Avenue to the east.

The Capitol Chevrolet automotive dealership and the McMorris Ford automotive dealership are located at the 900 block of Sixth Street, three blocks northwest of the site. In addition, the Covert Buick automotive dealership is located east of the site in the 500 and 600 blocks of Fifth Street.

The Seaholm Power Plant and the municipal water treatment facility, both operated by the City of Austin, are located approximately two blocks south of the site.

Asbestos

In 1973, the Environmental Protection Agency issued the first asbestos regulations. These regulations were directed largely at the asbestos industries, but also partially banned spray-applied asbestos containing materials (ACM) in new buildings and established procedures for handling ACM during demolition. The regulations were revised in 1975 and 1978 to cover building renovations, the use of all types of insulating ACM in new buildings, and asbestos emissions from ACM waste disposal.

One asbestos sample was taken from the ceiling tile located in the showroom in the Main Building. The sample was analyzed by EES and was found not to contain asbestos.

Urea Formaldehyde Foam

No materials which appeared to be urea formaldehyde foam insulation were observed on the premises. No samples were taken.

PCB Fluids

The site was inspected for electric transformers because these are possible locations of PCB-containing dielectric fluids. There was one transformer located on the site. The transformers were inspected with high-powered field glasses for identification numbers, PCB status, and signs of damage, leakage, or corrosion. No cause for concern was observed. The Utility Department of the City of Austin, the operating authority in this area, has been contacted regarding the PCB status of the transformer.

Underground Storage Tanks

There are eight underground storage tanks (USTs) located on th site. The Austin Toyota service manager stated that three are being used to store regular hoist oil and five are not being utilized at this time. According to the Texas Water Commission's (TWC) Registered Underground Storage Tank List, the eight 500-gallon underground storage tanks being used for storing oil and are listed as "perm out". A representative of the Texas Water 'Commission stated that the term "perm out" means either that the underground storage tanks were removed, abandoned in place, or that the owner of the tanks improperly registered them.

Registered owners of USTs within a half-mile radius of the site are listed in Table 2 and shown on Figure 3. In addition, unregistered USTs were noted at several businesses in the area (see Figure 3, and Table 2).

Aboveground Storage Tanks

Three aboveground storage tanks were observed on the site. One contains new motor oil and is located in the service building attached to the Main Building. Two others are located in the service building south of the Main Building. One is used for storing waste oil and used antifreeze and one contains new oil.

Regulated Chemicals

Used oil and used antifreeze are generated at the site and are transported off the site approximately every two weeks by a service that handles waste oil.

Safety-Kleen, a cleansing solvent containing 1,1,1 Trichloroethane, is used by the employees to remove grease. The used solvent is transported off the site by the Safety-Kleen company.

ENVIRONMENTAL REGULATORY COMPLIANCE

The Environmental Protection Agency (EPA) does not list the subject property or any adjacent properties as a hazardous waste site on the National Priorities List, as defined by the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) as amended in 1986. Neither the site and nor any property within one-half mile of the site has been reported as a suspect hazardous waste site on the CERCLIS report.

EPA Spills List

Three locations within a half-mile radius of the site are on the Travis County EPA spills list. Case Number F87-1938 involved a spill in which the City of Austin Electrical Utility Department was named as the responsible party. On July 24, 1987, 200 grams of sulfuric acid spilled at 800 W. First Street. Case Number F88-1752 involved a spill in which the City of Austin Environmental Department was identified as the responsible party. On July 8, 1988, 500 grams of PCB oil spilled at the Seaholm Power Plant located at First Street and West Avenue. In Case Number F89-2127, an unknown quantity of fluorescent green spilled near the intersection of First Street and Congress on July 16, 1989. The party responsible for the spill is unknown. None of these spills occurred in areas adjacent to the site.

Health Department

On February 25, 1987, an inspector from the City of Austin Health Department observed a small amount of waste oil on the surface of the water in Shoal Creek next to the site. The waste oil covered an area twelve feet by twenty feet. The inspector estimated that the quantity of oil was approximately one quart. After examining the spill, the inspector concluded that the oil spill resulted from an underground discharge, possibly a leak from an old septic system line or a French drainage ditch.

RCRA Notifiers

There are three categories of waste generators. Fully Regulated Generators (aka Category 1 waste generators) are defined as generators who generate at least 1,000 kilograms/month (kg/mo) of non-acutely hazardous waste or 1 kg/mo of acutely hazardous waste. Small Quantity Generators (aka Category 2 waste generators) generate 100 kg/mo but less than 1,000 kg/mo of non-acutely hazardous waste. Conditionally Exempt Small Quantity Generators (aka Category 3 waste generators) generate less than 100 kg/mo of non-acutely hazardous waste. Several businesses in the area of the site, including the Austin Toyota dealership, are

on the EPA RCRA Notifiers List, which contains names and addresses of regulated waste generators.

Name of Business	Key Number
TXD981901648 Generator 1 Austin ISD Criswell 1315 W. 5th St. upgradient	<u>.</u> 6
TXD052642477 Generator 2 Austin Toyota Dealership 805 W. 5th St. on site	
TXD03160664 Generator 1 Benz Workshop 316 N. Lamar downgradient	21
TXD008944928 Generator 2 Capitol Chevrolet 500 N. Lamar upgradient	4
TXD030917090 Generator 2 Coffey Lincoln Mercury 900 W. 6th upgradient	22
TXD102738846 Generator 2 Covert Buick 1407 W. 5th upgradient	23
TXD989878888 Generator 2 Denham, Inc. 1601 W. 5th upgradient	24
TXD981057920 Generator 2 Don's Paint & Body Shop 1006 W. 12th upgradient	25

TXD981606411 Generator 2 26
Tip Top Cleaners
1014 N. Lamar
upgradient

TXD980879795 Generator 2 12
Town Lake Chrysler Plymouth

Hazardous Materials Permits

841 W. 6th

The Hazardous Materials Section of the Austin Fire Department compiled a list of the businesses located within approximately one-half mile of the site that have Hazardous Materials Permits (see Exhibit A).

Neither the Environmental Protection Agency, the Texas Water Commission, nor the Fire Marshal has identified the subject site as having environmental problems.

CONCLUSIONS

The areas of concern noted are the following:

- 1. According to the TWC Registered Underground Storage Tank List, the eight underground storage tanks on the site were installed in 1962. The tanks are twenty-eight years old and contamination may have occurred.
- 2. The past land use could have caused contamination. There could be hydrocarbon contamination from the trucking company or the used car dealership or heavy metal contamination from the ironworks.
- 3. The 55-gallon metal drum labeled "Panther Chemical Energy Red Hot" appears to be leaking on to the floor of the warehouse.
- 4. Three sumps are present on the site. If any of the sumps are cracked, contamination could result.
- 5. It should be noted that the site is in a flood zone. Shoal Creek, the adjacent waterway, feeds the Colorado River, which is a source of drinking water for Austin.

Findings indicate that the site should be considered a moderate environmental risk. During this investigation, potential suspect conditions have been identified.

RECOMMENDATIONS

In the best professional judgment of Environmental Engineering Services, Inc., further testing is required in order to determine whether a problem exists. Due to the number, age and scattered locations of the recorded USTs, ASTs, and sumps, multiple boreholes may be needed to properly assess the presence and/or extent of possible contamination.

To assess the potential for leakage from the USTs, a minimum of seven boreholes extending to a depth of approximately twenty feet is recommended. Two of these boreholes should be completed as temporary monitoring wells (TMW). This will enable the client to assess more completely the potential of near surface water contamination from the site. The location of the two TMWs will depend upon the field screening and observations made during the on-site drilling.

Estimated Costs for drilling seven boreholes and completing two of the seven as temporary monitoring wells\$3,925.00
Estimated costs for analyses at normal turnaround, TPH (EPA method 418.1) and BTEX (EPA method 8020)
Estimated labor costs, including sampling, onsite supervision of drilling, report writing3,500.00
Estimated travel expense
Estimated expense for drilling, sampling, testing seven boreholes and installing, sampling, and testing two temporary monitoring wells\$10,555.00

The abandoned sumps should be sampled and closed because of the potential for abuse. More information regarding the sumps is needed to provide estimates for abandoning the sumps. The samples should be tested for metals, solvents, pH, and TPH (see cost estimate below). In addition, the size and construction of the sumps must be established. Often local regulations exist which dictate the proper procedures for abandonment of plumbed facilities. Once a determination of the contents and construction has been established, an estimate as to the ease and cost of abandonment can be made.

Estimated labor for sampling sump(b) (4)
Estimated analysis costs at normal turnaround (metals - Pb, Cr, Zn, solvent scan, pH, TPH)(b) (4)
Equipment costs and material costs(b) (4)
Travel Costsnone if done at same time as boreholes.
Estimated costs for sampling and testing sump(b) (4)
Because of the suspected proximity of the Ironworks, mentioned in the property use history, to the site it is

Because of the suspected proximity of the Ironworks, mentioned in the property use history, to the site it is recommended that the top few inches of soil be tested for heavy metals in several locations. These samples can be taken at the time of drilling the boreholes.

Estimated analysis costs at normal turnaround (hazardous total metal scan)......(b) (4)

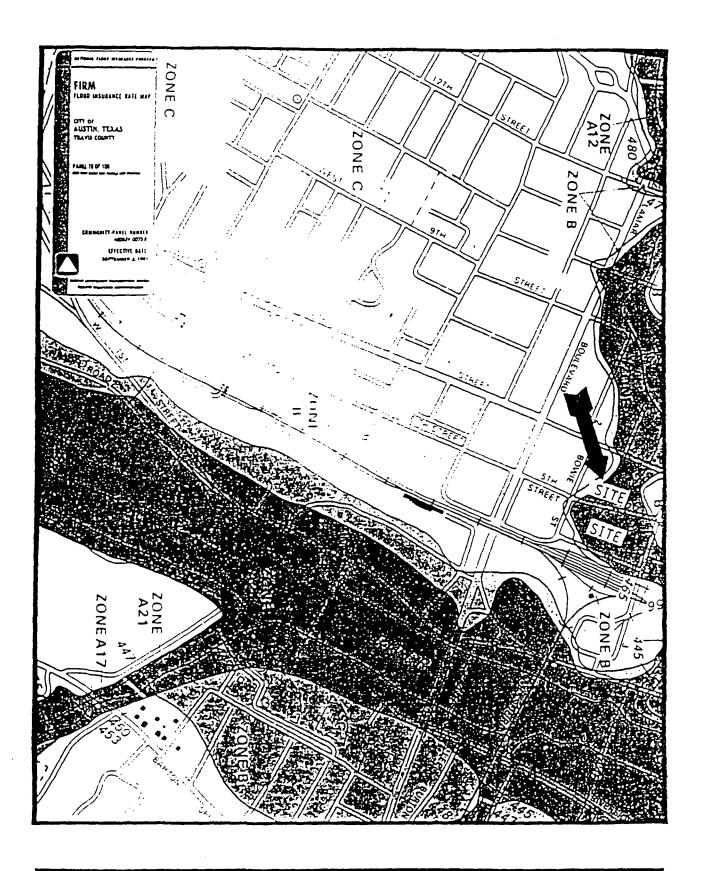
REFERENCES

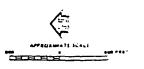
ATTACHMENT 1

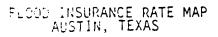
EPRA FIELD CHECKLIST

1-Com-01 9-13-90 Project No. Date

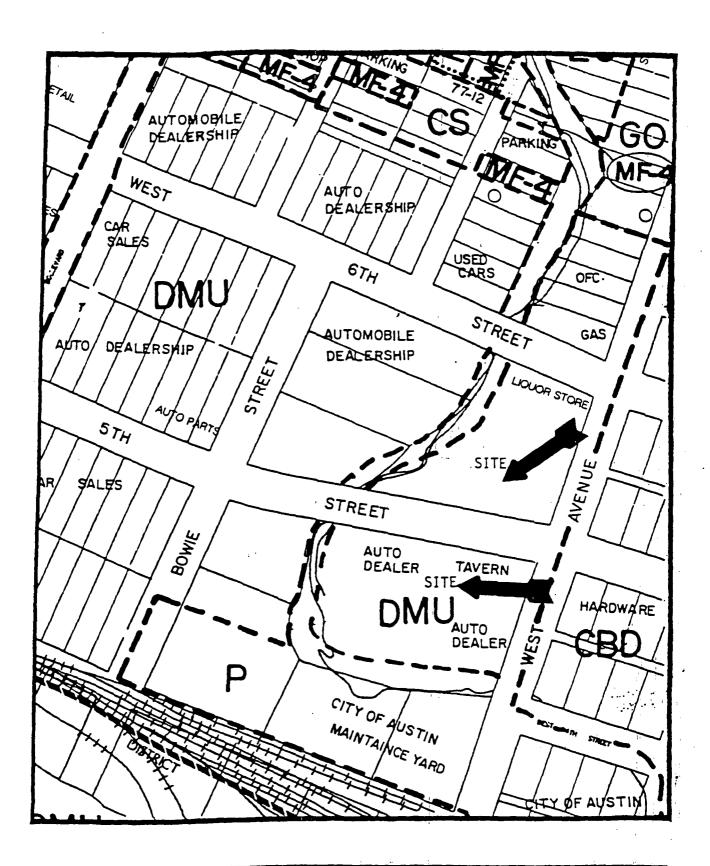
	YES	NO	COMMENTS
Percent of Area Covered by			
Vegetation/Trees	1		10 40
Discolored or Disturbed Soils			
Mounding or Piles of Soil		V	
Depressions		<u></u>	
Wetlands, Ponds, Lakes		<u></u>	
Rivers, Streams or Creeks	<u>~</u>		Small creak on weeks houndary - had wat
Lagoons, Surface Impoundments		<u></u>	
Solid Waste			South man 15- acc tink hald no wester oil
Buildings/Structures	<u>~</u>		2 holdings on oth treet 4 boildings on gooth
Landfills		1	
Industry		<u> </u>	
Animals		<u> ~~</u>	
Stressed			
Discolored Water	 .	<u> </u>	
Unusual or Noxious Odors		\angle	
Monitoring Wells			
Drums or Storage Tanks			3 3 be reground storage tenks & 5 unlerground store-
Railroad Spurs		K	Railred Franks I block such of Side
Trails or Dead End Roads			
Sever Lines	<u></u>		
Water Wells		1/	
Septic Tanks		<u></u>	
Noise Pollutions		<u> </u>	(Alittle noisy in repair area)
Dust/Smoke		_'_	
Boreholes			
Pits		<u></u>	
UST			Si Vis Tellinderer and care tranke - South to





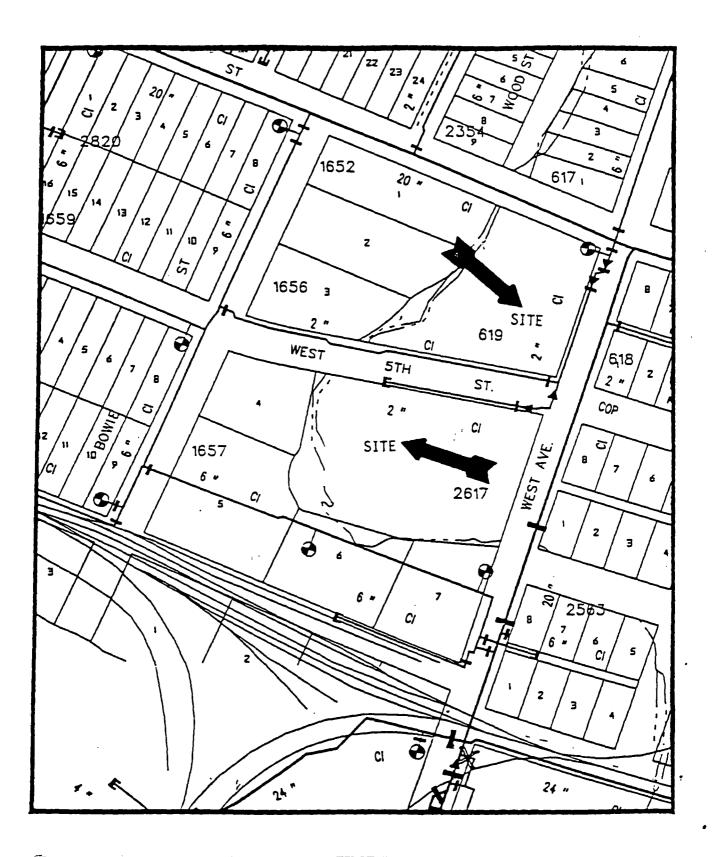






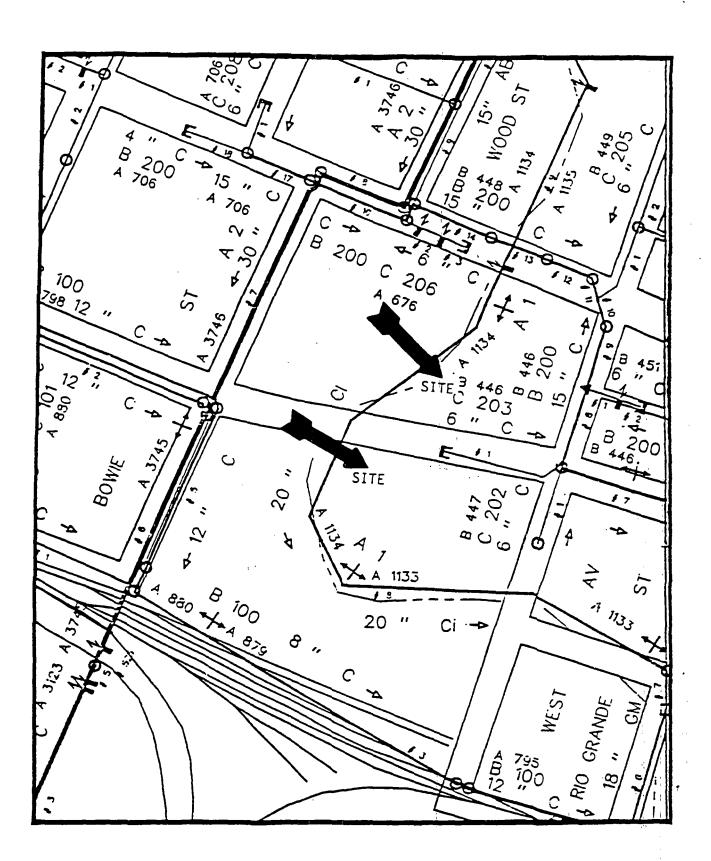
CITY OF AUSTIN ZONING MAP





CITY OF AUSTIN WATER MAP





CITY OF AUSTIN WASTE WATER MAP



being said east line of the City of Austin tract of land described in Volume 7255 at Page 540, N 18 34 00° E 9.00 feet to the point of beginning.

FIELD HOTES: David Segura 7-28-82

APPROVED:

2-94-9877.

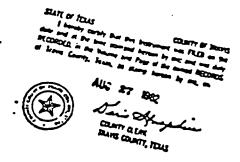
FIELD WORK:

H. Rokel F.B. 3512, Pg. 15,19,26,27

NO SEAL

City Engineer Department of Public Works

2-B-629 (Bearing Basis) CP53-1108 and 1127 Section Map 99 Austin Grid B-22-2



7841 . 254

WARRANTY DEED

THE STATE OF TEXAS I WA-4-8320 6658 * 11.00 COUNTY OF TRAVIS I KNOW ALL HEN BY THESE PRESENTS 7.12 0690

owning, claiming and occupying other property as my That we, Joseph P. Macken, Assagle-mas- Individually and as nomestood, Independent Executor of the Estates of Katherine E. Macken, Deceased, and Dennis W. Macken, Deceased, and Margaret M. Macken, a feme sole, and Mary H. Macken, a feme sole, all of Travis County, Texas, for the consideration hereinafter stated, paid and secured to be paid by Peta G. Vescovo of Travis County, Texas, in the manner hereinafter stated, have BARGAINED, SOLD, GRANTED and CONVEYED, and by these presents do BARGAIN, SELL, GRANT and CONVEY unto the said Peta G. Vescovo all of that certain tract or parcel of land in Travis County, Texas, together with all improvements thereon, described as follows, to-wit:

31,545 square feet of land out of and a part of Outlot 11, Division "I" of the Government Outlots of the City of Austin, Travis County, Texas, according to the map or plat recorded in the General Land Office of the State of Texas, more particularly described by metes and bounds field note description in Exhibit "A" attached hereto and made a part hereof for all pertinent purposes.

TO MAVE AND TO BOLD the above described premises, together with all and singular the rights and appurtenances thereto in anywise belonging unto the said Pete G. Vescovo, his heirs and assigns forever; and we do hereby bind ourselves, our heirs, executors, administrators and successors to MARRANT AND FOREVER DEFEND all and singular the said premises unto the said Pete G. Vescovo, his heirs and assigns, against every person whomsoever lawfully claiming or to claim the same, or any part thereof, except, however, that this conveyance is made subject to all of the reservations, covenants, conditions, restrictions and easements of record in Travis County, Texas, which are applicable to the property hereby conveyed, as well as subject to all ad valorem taxes for 1983 and subsequent years.

The consideration for this conveyance is as follows: A full valuable cash consideration to the Grantors in hand paid by the Grantee herein, the receipt whereof is hereby acknowledged, and for the payment

8010 848

DEED RECORDS

of which no lien, express or implied, is retained against the property and premises herein conveyed, and one certain promissory note of even date herewith for the principal sum of One Hundred Twenty Five Thousand and No/100 Dollars (\$125,000.00) made, executed and delivered by the Grantee, payable to the order of Joseph P. Macken, Margaret M. Macken and Mary M. Macken in Austin, Travis County, Texas, which said note bears interest from date until paid at the rate therein provided, contains the usual attorney's fees and maturation clauses, and is by 069/reference incorporated herein as fully and completely as if same were set forth verbatim.

The vendor's lien, together with the legal and superior title remaining in Grantors, as vendor, is retained against the above described property and premises in favor of Joseph P. Machen, Eurgaret M. Macken and Mary M. Macken, or other holder of the above described promissory note, for the security of and until the full and final payment of said note, when and whereupon this deed shall become absolute.

Payment of the above described promissory note is additionally secured by a Deed of Trust lien upon the above described property and premises created in the Deed of Trust of even date herewith from Pete G. Vescovo to John C. Miller, Trustee; and in the event of default in the performance of any of the covenants or conditions contained in said Deed of Trust, which on the part of the Grantors therein are to be kept and performed, then the holder of said promissory note shall have the option to mature the same and to foreclose the vendor's lien herein retained to secure its payment, or the Deed of Trust lien which also secures the payment of said note, or both of said liens, either under the power of sale contained in said Deed of Trust, or by court proceedings, as the holder may elect.

EXECUTED	this the	1st day of	March	, 1983.
		Posch	R P. MILC	ken
		<u>Katherine</u>	Hacken, Individual Executor of the E. Macken, Decease Macken, Decease	sased and
		herren	H. Hacken	
			m. Macken Mr. Brussen acken	•
		HERY HE H	acken	

THE STATE OF TEXAS
COUNTY OF TRAVIS

BEFORE ME, the undersigned authority, on this day personally appeared Joseph P. Macken, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

of Harch

NOTARY SEAL

GIVEN UNDER HY HAND AND SEAL OF OFFICE this the 1st day

3-12 G692

NOTARY SEAL

TIE LIRITE OF TEXAS
COUNTY OF TRAVIS

This instrument was acknowledged before me by Margaret M. Macken on the lst day of March , 1983.



NOTARY SEAL

Hotary Public, State of Texas

JOHN C. MILLER POTAIT PUBLIC, TRAVIO COUNTE, TEXAS 2-H-86

THE GREET OF TEXAS I

This instrument was acknowledged before me by Mary M. Macken on the <u>lst</u> day of <u>March</u>, 1983.



NOTARY SEAL

Notaty Public, State of Texas

DOEN C NILLY BOLLET PLACE, THAY OCCUPIE THE A 2-11-45

Address of Grantee is:

805 West 5th Street Austin, Texas 78701

J. LEROY BUSH

Parrie 111-0000

February 16, 1983

FIELD NOTES TO 31,545 SQUARE FEET OF LAND OUT OF AND A PART OF OUTLOT 11, DIVISION "Z" OF THE GOVERNMENT OUTLOTS OF THE CITY OF AUSTIN, TRAVIS COUNTY. TEXAS. ACCORDING TO THE MAP OR PLAT RECORDED IN THE GENERAL LAND OFFICE OF THE STATE OF TEXAS. SAME BEING A PART OF THAT CERTAIN TRACT OF LAND CONVEYED TO JOE MACKEN, ET AL BY DEED RECORDED IN VOLUME \$17, PAGE 219 OF THE DEED RECORDS OF TRAVIS COUNTY, TEXAS:

BEGINNING at an iron stake found in the south R.O.W. line of West 5th Street at the Northeast corner of that certain tract of land conveyed to Pete G. Vescovo by deed recorded in Volume 7648, Page 7 of the Deed Records of Travis County, Texas, and the Northwest corner of that certain tract of land conveyed to Joe Macken by deed recorded in Volume 517, Page 219 of the Deed Records of Travis County, Texas, for the Northwest corner of the tract herein described:

THENCE, with the south P.O.W. line of West 5th Street and the north line of the said Macken property, S 77 deg. 31' F 129.73 ft. to a point at the Northwest corner of that certain tract of land conveyed to Pete G. Vescova, et ux by deed recorded in Volume 7097, Page 22 of the Deed Records of Travis County, Texas, and the Northeast corner of the said Macken property, for the Northeast corner of this tract:

THENCE, with the common dividing line of the said Macken property and the Vescova 10 ft. strip of land, S 18 deg. 57' W 248.72 ft. to an iron stake found at base of 10" H. B. at the Northeast corner of that certain tract of land conveyed to the City of Austin by deed recorded in Volume 7302, Page 241 of the Deed Records of Travis County, Texas, for the Southeast corner of this tract;

THENCE, with the north line of the said City of Austin tract, the following three(3) courses:

- (1) N. 86 deg. 24' 40" W 48.02 ft. to an iron stake found; (2) N. 70 deg. 26' 20" W 41.20 ft. to an iron stake found;
- (3) N 30 deg. 12' 40" W 52.86 ft. to an iron stake found at the Northwest corner of that City of Austin tract recorded in Volume 7302, Page 241, same being in the east line of that certain tract of land convoyed to the City of Austin by deed recorded in Volume 7255, Page 540 of the Deed Records of Travis County, Texas, for the Southwest corner of this tract;

THENCE, with the east line of the said City of Austin tract recorded in Volume 7255, Page 540 and the west line of the said Macken property, N 18 deg. 42' E 8.91 ft. to an iron stake and N 18 deg. 32' E 5.25 ft. to an iron bolt at a corner of the said City of Austin tract, for an angle point in this tract;

THENCE, continuing with the west line of the said Macken tract and the east line of that certain Vescovo tract recorded in Volume 7648, Page 7, N 18 deg. 34' E 197.66 ft. to the Place of Beginning, containing 31,545 square feet of land.

ORIGINAL DIM

SURVEYED: February, 1983

Jeon Dush

Zxhibit "A"

8010 . 851

701 201 3-12 0694

TEATH CEST MAR -4 MIN 53

FILED

STATE OF TELES

Shoreby carbly that this instrument was FILED on the State and at the terms as a part herses by may and may said may said filed the SECONDO. In the Young and Page at the named RECONDO. If the Young and Page at the named RECONDO. If the Young and Page at the named RECONDO.

MAR 4 BAS



DUNITY CLERK TRAVIS COUNTY, TEXAS

8010 852

DESCRIPTION OF PROPERTY TRACT 5: 13.85 FT STRIP G.F. NO. 90-1205 OL // DIV Z GRANTOR rocure ! 3 16 36 3 33 35 517 219 R.G. Muerres JOE MACKEN PART OF / ACRE - SOUTH LINE W 5TH ST., NORTH BANK OF SHOPL SAME WD 517/85 Services, Inc. AGF 7 23 41 WM A. FOLTS 608 108 PUBLIC . SEE ATTACHES COPY MORKIS HIRSHFELD Resource GIFT 7 22 41 DOED 7 23 41 KATHERINE E. MICKEN BRIDGET SHEEHIN ALL RIGHT TITLE & INTEREST IN ESTATE OF JOE MAKEN DECORDS MARGARET M. MACKEN MARY M. MACKEN
(ALL FONE SOLES) જ DENNIS W. MACKEN Research JOSEPH P. MACHEN BOTH SINGLE MEN Land ESTATE OF BRIDGET S. MACKEN 11155 SEE ATTACHED COPY DECENSED

608/108

The Earl Eighty (E. 201) feet of Lot Ed. Six (6) in Block No. Zighteen (10) of Christian and Follows Acciding, in Division for in the Caty of Austin, Trevis County, Texas, eccording to the Earl of plat thereof recorded in Vol. 1, Page 73 of the Travis County Plat Records.

Now, Therefore, Encr all sen by these presents, That I. Boy Archer the payer and owner and holder of said note, for and in consideration of the sum of Thirty Three Hundred Kinety Seven 05/100 (\$3397.05) Dollers to so in hand paid by the Farm and Home Savings and Loca Association of Kinesouri the receipt of which is hereby acknowledged; have sold, emmaferred and Conveyed and So hereby:sell; transfer and convey unto said Farm and Home Savings and Loca Association of Missouri, without recourse on so in any event, and said Defined all liens and titles held by so in and to said land.

To have and to hold the same unto the said Farm and Rome Bavings and Loan Association of Mo. heirs and assigns forever.

Witness my band this 19th day of July A. D. 1941.

Roy C. Archer

THE STATE OF THESE

COUNTY OF TRAVES

perors me, the undersigned, a Notary Public in and for said County and State on this day personnilly appeared Roy Archer known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under ay head and seal of office this the x day of July 19, A. D. 1941.

T. E. Wiley

(Rotary Seal)

U

Notary Public in and for Travis County, Texas.

Filed for record July 23, 1941 at 9:00 A.M .--- Recorded July 23, 1941 at 2:45 P.M.

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ELLET TO TELES

COUNTY OF TRAVIS

Before me, the undersigned authority, on this day personally appeared Wm. H. Folts and Morris Birshfeld to me well known, who being by me duly sworm, state upon oath Shat affiants were each personally and well acquainted with Joe Macken late of Austin and with his family history. That the said Joe Macken died in the City of Austin, Texas on the 19th day of July A. D. 1941. That he was the husband of Bridget Sheehan Macken, by whom he was survived, and that the said Joe Macken and wife, Bridget Sheehan Macken were the parents of five children, all of whom are now living and each of whom is more than twenty one years of age. That all of said children reside in the City of Austin, Travis County, Texas and nome of them the county of the bases of said children are as follows:

- 1. Estherine E. Macken
- 1. Margaret M. Kaokan
- S. Mary M. Macken
- 4. Denis W. Macken
- 2. Joseph P. Machan

That the said Joe Macken never had any adopted child or shildren.

That the said Joe Macken was never servised to any other person than the said Bridge Service Macken and she, with her said children are all of the heirs at law of the said Joe ..., determin.

* Tm. E. Folts

Morris Hirabfeld

Soom to and subscribed before me by Ma. R. Felts and Morris Hirshfeld on this the 22nd day or July A. D. 1941.

Tictor Breas

(Estery Seal)

Hotary Public, Travis County, Texas.

STATE OF TELES

COULTY OF TRATES

Before ms, the undersigned authority on this day personally appeared Wm. H. Folts and Morris Rirebfeld known to me to be the persons whose names are subscribed to the foregoing instrument and solmowledged to me that they executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office, this the 22nd day of July A. D. 1941.

Victor Brage

(Notary Soul)

Notary Public, Travis County, Texas.

Filed for record July 23, 1941 at 2:30 P.M .--- Recorded July 23, 1941 at 5:00 P.M.

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STATE OF MARYLAND COUNTY OF MONTCOMERY

PHON ALL NON BY THESE PRESENTS:

That I, John H. Thorne of Washington D. C., for and in consideration of the sum of Fifteen Bundred Dollars (\$1,500.00) cash to me is band paid by Mrs. Daisy T. Gilbert, the receipt and sufficiency of which is hereby acknowledged, have granted, sold and conveyed; and by these presents do grant, sell and convey unto the said Mrs. Daisy T. Gilbert the following described property towit:

Lot No. Twenty six (26) in Block Fo. Six (6) in Hyde Park Annax, a subdivision in the City of Austin, Travis County, Texas according to a plat of said subdivision recorded in Volume 2, page 130 of the Travis County Plat Records, together with all the improvements thereon.

To have and to hold the above described precises together with all and singular the rights and appurtenances thereto in anywise belonging unto the said Mrs. Daisy T. Gilbert her heirs and assigns forever.

And I do hereby bind syself, my heirs, executors and administrators to warrant and forever defend all and singular the said premises unto the said Mrs. Deisy T. Gilbert, her heirs and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof.

Witness my hand on this the 18th day of July A. D. 1941.

John R. Thorne

THE STATE OF MARTLAND

COUNTY OF MONTOCKERT

Before ms, the undersigned authority, on this day personally appeared John E. Thorne, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Olven under my hand and seel of office this the 18th day of July A. D. 1941.

Aline Reed Beady

(Notary Seal) Notary Public in and for Montgomery County, Maryland.

\$1.65 U. S. Int. Bev. Stamps Con.

Filed for record July 23, 1941 at 1:00 P.K .---- Recorded July 23, 1941 at 5:50 P.K.

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PROBA	TE NO.: 16,902 FILED 1/11/55	
THE E	STATE OF BRIDGET S. MACKEN, DECEASED	
: ;		
179/1	APPLICATION TO PROBATE WILL Applicant: DENNIS W. MACKEN Decedent died: 1-/2-5/ Probable Value of Estate: \$	
179/1	WILL DTD 2/9/44 Disposition of Property Deville W Macked KATHOLINE E. MACKED	√,
	MARGARET M. MACKEN, MARY M. MACKEN, JOSEPH P. MACKEN	,
	Appointment of (Independent) (Executor) (Executrix):	
	Trust set up: OR ANY OF CHILDREN	
179/2	NOTICE / ND SHERIFF'S RETURN	
174/3	PROOF OF WILL	
174/4	OATH OF EXECUTOED (EXECUTRIX) BY: DENNIS W. MACKEN	
174/3	ORDER PROBATING WILL Letters Testamentary granted to: DENNIS W. MACKEN	
179/4	INVENTORY AND LIST OF CLAIMS Separate Property: TRACT OUT OF OL 11 DIV Z	
	Community Property. WD 517/219	
	. •	
	Total Value of Estate:\$ 52,331.44 Value of Decedent's 1/2	
	ORDER APPROVING INVENTORY AND LIST OF CLAIMS	
	WAIVER OF APPOINTMENT OF APPRAISERS	
	AFFIDAVIT OF EXECUTOR FOR INHERITANCE TAX APPRAISEMENT	
	REPORT OF APPRAISEMENT (PRELIMINARY)	
	ORDER FIXING AND ASSESSING INHERITANCE TAX \$	
	STATE INHERITANCE TAX RECEIPT \$	
177/64	CERTIFICATE OF NO STATE INHERITANCE TAX DUE	
/	PROOF ALL FEDERAL ESTATE TAXES PAID	
	APPLICATION FOR ORDER CLOSING ESTATE	
	ORDER CLOSING ESTATE	
	OTHER:	

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90-1205 DESCRIPTION OF PROPERTY TEACT 5: 13.85 FT. STRIP OL 11 DIV Z G.F. NO. OF PIST DATED & FILED VOI UNE PAGE 13.76 STRIP OUT OF WO 517/85 C.B. SMITH, 2171 502 DENNIS W. MACKEN INDIVIOUALLY & AS
INDEPENDENT EXECUTOR
OF ESTATE OF DRIDGET
SHOEHAN MACKEN
DECENCED Inc. Services, KATHERINE E. MACKEN WAXGARET M. MACKEN MARY M. MACKEN

JOSEPH P. MACKEN Resource •ರ Land Research

90-1205 DESCRIPTION OF PROPERTY TRACT 5: 13.85 AT STRIP 7097 22 C.B. SMITH, SR. PETE G. VESCOVO WD SEE ATTACHED COPY DOROTHY VESCOVO 735 481 PETE G. Vescolo
IX) DOROTHY 4,421 Sq. FT. = Cry of Austin WO Resource Research

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Warnen by Derd

ಖ್ -5-ಕುಮ= 6307 ∤ 5.00 THE STATE OF TEXAS COUNTY OF TRAVIS

2-37-2610

KNOW ALL MEN BY THESE PRESENTS:

THAT 1, C.B. SHITH, SR., for and consideration of the sum of TEN DOLLARS. (\$10.00) and other good and valuable consideration cash to me in hand paid by Pete G. Vescovo and Dorothy Vescovo, of Travis County; Texas, the receipt of all of which consideration is hereby fully ackowledged and confessed, and for the payment of which, no lien, express or implied, is retained, have GRANTED, SOLD AND CONVEYED, and by these presents do hereby GRANT, SELL AND CONVEY unto Pete G. . 2 .. Vescovo and Dorothy Vescovo, the following described tract or parcel of land situated in the City of Austin, County of Travis, State of Txas, to-wit:

A portion of Cutlot No. Eleven (11), Division "Z", in the City of Austin, Travis County, Texas, and being the East 13.76 feet of that certain tract of land described in Vol. 517, at page 85, of the Deed Records of Travis County, Texas, and described by metes and bounds as follows:

BEGINNING at a cross cut in concrete in the South line of West Fifth Street from which the intersection of the South line of West Fifth treet with the West line of West Avenue bears \$ 77° 26' E. 214.30 ft.;

THENCE with the South line of West Fifth Street, S. 77° 28' E. 13.85 ft. to an iron stake at the Norteast corner of said tract described in Vol. 517, pages 85-86, for the Northeast corner of this tract;

THENCE with the East line of said tract, S. 19° W. approximately 285 ft. to the channel of Shoal Creek for corner:

THENCF up Shoal Creek, N. 77° 28' W. 13.85 ft. for corner;

THENCE M. 19° E. 285 ft. to the place of BEGINNING.

as surveyed on November 23, 1959, by James T. Watson.

This conveyance is made subject to any and all valid and subsisting covenants, conditions, restrictions, restrictions and easements properly of record and subject to the zonir; ordinance of Austin, Texas.

TO HAVE AND TO HOLD the above described premises, together with, all and singular, the rights and appurtenances thereto in anywise belonging, unto the said = Pete G. Vescovo and Dorothy Vescovo, their heirs and assigns, forever; and 1 do hereby bind myself, my beirs, executors and administrators, to warrant and forever defend, all and singular, the said premises unto the said Pete-G. Vescovo and --Dorothy Vescovo, their lairs and assigns, against every person whomsoever lawfully a claiming, or to claim the same, or any part thereof.

DEED. RECORDS

7097

1980. THE STATE OF TEXAS COUNTY OF TRAVIS BEFORE ME. the undersigned authority, on this day personally appeared C.B. SMIIH, SR., known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to re that he executed the same for the purposes and consideration therein expressed. GIVEN UNDER MY MAND AND SEAL OF OFFICE on this the _____ day of ______, 1980. NOTARY SEAL. Hotary Public in and for Caroline Berrent My Commission expires

FILED

Ser 5 3 09 PY 187

COUNTY CLOSE 1 7

7097

...**.**...

WARRANTY DEED

1.00

THE BTATE OF TEXAS MARE STORE 3108

COUNTY OF TRAVIS " " ---

RYCH ALL HEN BY THESE PRISENTS:

That we, PETE G. VESCOND ET DX, DOPOTHY VESCONO, of Travis County, State of Texas, hereinafter referred to as Grantors, whether one or more, for and in consideration of the sum of TEN DOLLARS (\$10.00) and other good and valuable consideration, to Grantons in hand paid by the City of Austin, Towas, the receipt and sufficiency of which is hereby actoryledged and confessor, and for Wilco no Lie., expressed or implied, is retained, have this day Granted. Sold and Conveyed, and by three presents to hereby Grant, Soil and Convey, unto the said City of Austin, a municipal componetion situated in Travia County, Texa:, the following described property, to-wit:

All that certain tract, piece or parcel of land, lying and being situated in the County of Travis. State of Texas, described in EXHIBIT "A" attached hereto and made/a part hereof for all purposes, to which reference is here made for a sore particular ... - description of said property.

TO BAYE AND TO BOLD the above-described premises, together with all and singular the rights and appurtenances thereto in anywise belonging unto the said City of Austin, its successors and assigns forever; and Grantors, whether one or more, do hereby bind ourselves, our hairs, executors, successors and assigns to warrant and forever defend all and singular the said promises unto the said City of Austin, its successors and assigns, against every person showsoever lawfully claiming on to claim the same or any part thereof.

IN WINDLY HEREN, Garline have excell this instrument to be executed on this 10 day of December 1. A.D.29 80.

Fort 4 ?!....

MANAGEMENTA

THE STATE OF TEXAS

COUNT OF THAVES

MON ALL HEN BY THISE INCOMES:

HOUSE HE, the undersigned, a hotary Public to and for said County and State, on this day personally appeared PCT C. VINCOID and wife, DECTHY VESCINO, known to me to be the persons whose names are subscribed to the foregoing instrument, and address ledged to be that they emersed the same for the purposes and constituentian therein appressed.

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HOTHRY SEAL

way or December 1980. This the

POTATY POLITE IN and for Travia County, Texas

(PTIME OF TYPE HARRY'S NEEDE.) ALTHOFF

BATTER TOO

431 7365

DEED RECORDS Torois County, Toron

"A" TIBIHIS

Pote G. Tessoro, et ux borothy Yesooro 2-54-1812

The City of Austin (Rike and bike treil and park purposes) (Shoal Creek Park)

PIELD MOTES

FIELD NOTES FOR A, 221 SQUARE PEET OF LAND,
SAME BEING OUT OF AND A PART OF THAT CERTAIN
TRACT OF LAND OUT OF OUTLOT 11, DIVISION Z,
OF THE GOVENHENT OUTLOIS ADJOINING THE ORIGINAL
CITY OF AULTIN, TRAYIS COUNTY, TELAS, ACCORDING
TO A MAP OR PLAT OF SAID COVERNMENT OUTLOTS
ON FILE IN THE GENERAL LAND OFFICE OF THE STATE
OF TEXAS, WHITH CFRTAIN TRACT OF LAND WAS CONVEYED
TO PETE G. YESCOVO, ET UI, BI THE FOLLOWING
TWO (2) WARRANTI DEEDS:

- (1) DATED MARCH 1, 1973, OF RECORD IN VOLUME 4557 L. PAGE TOO OF THE DEED RECORDS OF TRAVIS COUNTY, TELAS:
- (2) PATED September 5, 1980 OF RECORD IN VOLUME 7097 AT FACE 22 OF THE DEED

SAID 4,421 SQUARE FEET OF LAND SEINC MORE PARTICULARLY DESCRIBED R/ METER AND ROUNDS AS FOLLOWS:

reginaled at the most easterly denner of the hornin described tract of land, same being a point in the so in line of said Teacovo tract of land, which line is the north bank of Shal Creek, and five about of beginning the intersection of the south the vest line of Yest Avenue bears N 85 12 00° E 19.04 feet and N 19 00° J° E 218.88 feet;

THENCE, with said south line of the Vescovo tract of land, same being said north bank of Shoal Greek and its meanderings, in a westerly direction with the following two (2) courses.

(1) S 85° 12' 00" W 209.65 feet to a point;

(2) H 7! 51' 29' H 10.00 feet to the southwest corner of said Vescovo tract of land, same being the southwest corner of that certain trade of land conveyed to Joe Hauken by surroutly deed delet Hardin 10, 1935, of record in Volume 517 at Page 219 of the Deed Records of Travis County, Texas, for the southwest corner of the herein described tract of land;

THERCE, with the west line of said Vesonro tract of land, same being the east line of said Manken tract of land, H 19° CO* OO* E 35.73 feet to the northwest corner of the berein described tract of land;

THEMEE, in an easterly direction with the following two (2)

(1) 5 86° 28' 57" I 122.68 feet to a steel pin set;

(2) S 82° 61' 00" I 85.16 feet to the point of beginning.

FIELD MUTES:

Linda Alvares 10/19/11

APPROTED:

REVISED:

Carlos Mosqueda

4/7/80

REVISED:

Carlos Mosqueda

9/15/80

FIELD WORK:

Jess Wood F.B. 3354, Pg. 8-10

2-54-1813

Chief Engineer

Engineering Department

References 2-G-50 (Bearing Basia): 2-8-629

1 8 42 14 181

E-silly-cul TANE TOWNS TEPAS

APR 2 1981

608/108

The East Righty (D. 60') feet of Lot Eo. 612 (6) in Block No. Righteen (18) of Christian Col. Indiana Addition, in Division or in the City of Ametin, Travia County, Texas, according to the map or plot thereof recorded in Vol. 1, Page 75 of the Travia County Plat Records.

How, Therefore, Entre all man by these presents, That I, Roy Archer the payee and owner and holder of said note, for and in consideration of the sum of Thirty Three Hundred Firsty Seven 05/100 (\$2397.05) Bollers to me in hand paid by the Farm and Home Savings and Loca Association of Missouri the receipt of which is hereby acknowledged, have sold, transferred and Converted and to hyrebyssell; transfer and convey unto said Farm and Home Savings and Loca Association of Missouri, without recourse on me in any event, and said life, and, all liens and titles held by me in and to said land.

To have end to hold the same unto the said Farm and Bone Savings and Loun Association of Mo. beirs and assigns forever.

Witness ar bend this 19th day of Judy A. D. 1941.

Roy C. Archar

THE STATE OF THEMS

בולגאו לה הנישום

Perfore me, the undersigned, a Notary Public in and for said County and State on thi day personally appeared Roy Archer known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to no that he executed the same for the purposes and consideration therein expressed.

Given under my hand and soul of office this the x day of July 17, A. D. 1941.

T. E. Wiley

(Rotary Seal)

Notary Public is and for Travis County, Taxas.

Filed for record July 23, 1941 at 9:00 A.M .---- Recorded July 25, 1941 at 2:45 P.M.

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STATE OF TEXAS

COUNTY OF TRAVES

Before me, the undersigned authority, on this day personally appeared Wm. H. Folts and Morris Hirshfeld to me well known, who being by me duly sworn, state upon oath Shat efficients were each personally and well acquainted with Joe Macken late of Austin and with his family history. That the said Joe Macken died in the City of Austin, Texas on the 19th day of July A. D. 1941. That he was the husband of Bridget Sheehan Macken, by whom he was survived, and that the said Joe Macken and wife, Bridget Sheehan Macken were the parents of five children, all of whom are now living and each of whom is more than twenty one years of age. That all of said children reside in the City of Austin, Travis County, Texas and none of then the married or have been married. That the bases of said children are as follows:

- 1. Entherine Z. Macken
- 2. Margaret M. Machan
- S. Mery M. Macken
- 4. Dennis W. Macken
- 5. Jose; P. Macken

That the said Joe Macker never had any adopted child or children.

That the said Joe Macker was never married to any other person than the said Bridge Courter Marken and she, with her said children are all of the heirs at law of the said Joe Court, deceased.

. Wa. E. Folts

Morris Eirstfeld

Saim to and subscribed before me by Mr. E. Folts and Morris Hirshfeld on this the find day of July A. D. 1911.

Victor Brage

(Ketany Boal)

Motory Public, Trovis County, Taxas.

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COULT OF TRATES

Before m, the undersigned authority on this day personally appeared Wm. H. Folts and Morris Birstfeld known to me to be the persons whose names are subscribed to the foregoing instrument and normaledged to me that they executed the same for the purposes and consideration therein expressed.

Given under my band and seal of office, this the 22md day of July A. D. 1941.

Tictor Brage

(Kotery Soul)

Notary Public, Travis County, Texas.

Filed for record July 23, 1941 at 2:30 P.M .-- Recorded July 23, 1941 at 3:00 P.M.

STATE OF KARTLAND COUNTY OF MENTSCHERT

DIGS ALL-NET BY TRESP PRESENTS:

That I, John E. Thorne of Washington D. C., for and in consideration of the sum of Fifteen Bundred Dollars (\$1,500.00) cash to me in hand paid by Mrs. Daisy T. Gilbert, the receipt and sufficiency of which is hereby acknowledged, have granted, sold and conveyed; and by these presents do grant, sell and convey unto the said Mrs. Daisy T. Gilbert the following described property towit:

Lot No. Twenty six (26) in Block No. Six (6) in Eyde Park Annax, a subdivision in the City of Austin, Travis County, Texas according to a plat of said subdivision recorded in Yolune 2, page 130 of the Travis County Plat Records, together with all the improvements thereon.

To have and to hold the above described premises together with all and singular the rights and appurtenances thereto in anywise belonging unto the said Mrs. Daisy T. Gilbert her beirs and assigns forever.

And I do hereby bind myself, my heirs, executors and administrators to warrant and forever defend all and singular the said premises unto the said Krs. Daisy T. Gilbert, her heirs and assigns, against every person whomsoever lewfully claiming or to claim the same or any part thereof.

Witness my hand on this the 18th day of July A. D. 1941.

John H. Morne

THE STATE OF MARILAND

COUNTY OF MUNICOUNTRY

Before me, the undersigned authority, on this day personally appeared John H. Thorne, known to me to be the person whose mass is subscribed to the foregoing instrument and as-knowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this the 18th day of July A. D. 1941.

Aline Reed Heady

10.

(Notary Seal) Notary Public in and for Montgomery County, Maryland.

\$1.65 U. S. Int. Bev. Stamps Can.

Filed for record July 23, 1941 at 1:00 P.M .---- Recorded July 23, 1941 at 3:50 P.M.

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APPENDIX A

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ELVINONMENTAL ENGINEERING BERVIOSS INC.

BALLAS 17835 N Centrel Expwy 1305 Dates, Tx 78943 814-238-0772 BATROIT 42201 Ann Artor Ho. Phymouth, Nr 48170 313-459 6180

August 13, 1990

Vincent Panzera Comerica Bank - Detroit Detroit, Michigan 48275

Re: Environmental Site Assessment

Dear Mr. Panzera,

Environmental Engineering Services, Inc. (EES) appreciates the opportunity to propose environmental donsulting services to Comerica Bank - Detroit.

The fee to perform a Level I environmental assessment of the property located at 805 West 5th Street at West Avenue in Austin, Texas will be \$2300.00 plus the cost for title work. To include five (5) asbestos samples and a review of any on-site UST's.

The Level I assessment report will meet all requirements listed in the Comerica memo of February 16, 1990 issued to all LAOs from Rick Plews of the Central Loan Administration, entitled "Checklist Por Review Of Full Environmental Audit Reports." A written report will be provided within 21 days of completion of the site visit.

Upon receipt of your acceptance of the above services and subsequent fees, RES will begin preparation to perform the Level I assessment. Please indicate your acceptance by signing in the space provided below. Should any questions

arise, contact me at 214-239-0773.

Sincerely,

Sunt McClure

Brent McClure

SUBJECT TO THE ATTACHED TERMS AND CONDITIONS ACCEPTED by:

Authorized Representative of Comerica Bank-Detroit Michael Banks, Assistant Vice President

Date: August 15, 1990

TERMS AND CONDITIONS

Set forth below are the Terms and Conditions governing the work to be performed by Environmental Engineering Services Inc. ("Consultant"), as specified in the proposal or agreement (the "Companion Documents") prepared by Consultant of which these Terms and Conditions are a part. By accepting the Companion Documents, or authorizing or accepting all or any portion of the work done or to be done by Consultant as specified in the Companion Documents, the client or prospective client ("Client") shall be deemed to have accepted these Terms and Conditions as if set, forth in full in any of the Companion Documents.

* * * * *

- 1. In performing its services under this agreement, Consultant shall be deemed to be acting solely as an independent contractor, and only to the extent and for the specific purpose expressly set forth herein and in the Companion Documents. Nothing herein contained or implied shall at any time be so construed as to create the relationship of employer and employee, partnership, principal and agent or joint venture partner as between Client and its employees and representatives and Consultant.
- Consultant shall use its commercially reasonable best 2. efforts in performing services in accordance with this agreement, including without limitation completing the same by mutually agreed upon completion dates, provided that Consultant shall not be responsible for any untimely provision of, or failure to perform, its services if there is any failure to provide or delay in providing Consultant with necessary access to properties, documentation, information, materials or contractors retained by Client or its representatives, or if due to any act of God, labor trouble, fire, inclement weather, act of governmental authority, failure of transportation, accident or any other cause therefor beyond Consultant's control, including without limitation Client's failure to approve or disapprove Consultant's work or Client's delay in doing any of the foregoing. In the event of any of the foregoing circumstances, Consultant's time for agreement shall be extended this completion of accordingly.

3. CLIENT ACKNOWLEDGES THAT CONSULTANT HAS MADE NO IMPLIED OR EXPRESSED REPRESENTATION, WARRANTY OR CONDITION WITH RESPECT TO THE SERVICES, FINDINGS, RECOMMENDATIONS OR ADVICE TO BE PROVIDED BY CONSULTANT HEREUNDER, EXCEPT AS EXPRESSLY SET FORTH BELOW. Consultant warrants that the services, findings, recommendations and/or provided to Client hereunder will be prepared, performed, and rendered in accordance with procedures, protocols and practices generally accepted in Consultant's profession for use in similar assignments, and Consultant shall indemnify and hold harmless Client from and against any all losses, costs, expenses and liabilities, including without limitation reasonable attorneys' fees, which are attributable to the breach of such warranty, but in no event shall Consultant be liable to Client or any third party for other than damages directly and proximately arising from such breach.

Client shall indemnify and hold harmless Consultant from and against any and all losses, costs, expenses and liabilities, including without limitation reasonable attorneys' fees, which are attributable to the negligence of Client or its employees or agents which arise from or are based upon or related to this agreement or the work to be performed by Consultant hereunder for which Consultant is not expressly responsible hereunder.

- 4. No action, suit or proceeding shall be instituted in connection with this agreement or the services provided by Consultant to Client more than five years after Consultant has provided its complete services hereunder.
- 5. Consultant shall not be responsible for any loss, liability, damage, expense or cost if arising from any use of any of Consultant's analyses, reports, certifications or advices contrary to, in conflict or in a manner which is inconsistent with or beyond the provisions and purposes set forth or included in these Terms and Conditions, the Companion Documents or in any of such analyses, reports, certifications or advices.
- 6. Consultant shall use commercially reasonable best efforts to comply with all federal, state and local statutes, codes, laws and administrative regulations, including but not limited to those related to environmental, fire, safety and health matters, applying to it in performing its consulting services pursuant to this agreement, but shall not be liable to Client for failure to so comply unless such non-compliance is due to the negligent or willful misconduct of Consultant.

- 7. Consultant shall use commercially reasonable precautions so that access to information relating to its services for Client is limited to those persons within its employ for whom it is necessary and appropriate for purposes of performing Consultant's services under this agreement. All samples obtained by Consultant in connection with this agreement may be discarded 30 days after issuance by Consultant of its report with respect thereto unless otherwise mutually agreed in writing.
- 8. If Consultant provides a safety and health officer at a Client's site, Consultant shall be authorized to take any and all measures on behalf of Client that in Consultant's opinion will maintain generally accepted health and safety standards for personnel at the site. Consultant will advise Client regarding deficiencies with respect to specifications and applicable regulations, but Consultant is not responsible for the failure of Client to follow the recommendations of Consultant personnel. Client waives any claim against Consultant for, and agrees to indemnify and hold Consultant harmless from, any claim for liability for injury or loss to Client or others in connection with such measures, except to the extent such loss results from Consultant's negligence.

Consultant shall not be responsible for the activities of any contractors or sub-contractors or their employees or agents at Client's site unless retained by Consultant (in which event Consultant shall be solely responsible for their supervision in accordance with generally accepted practices of Consultant's profession) and Client shall duly notify any contractor or sub-contractor operating at such site and not retained by Consultant that Consultant is not responsible for any supervision or direction of their activities.

- 9. Consultant shall procure and maintain at its expense, during the term of this agreement, the following insurance, with limits of liability at least as set forth below, and upon such terms and conditions as are customarily included in such lines of insurance written for companies in the same type of business as Consultant:
 - (a) Workers' compensation insurance complying with the laws of the state(s) in which Consultant's services are performed hereunder;
 - (b) Employers' liability insurance in the amount of \$1,000,000;

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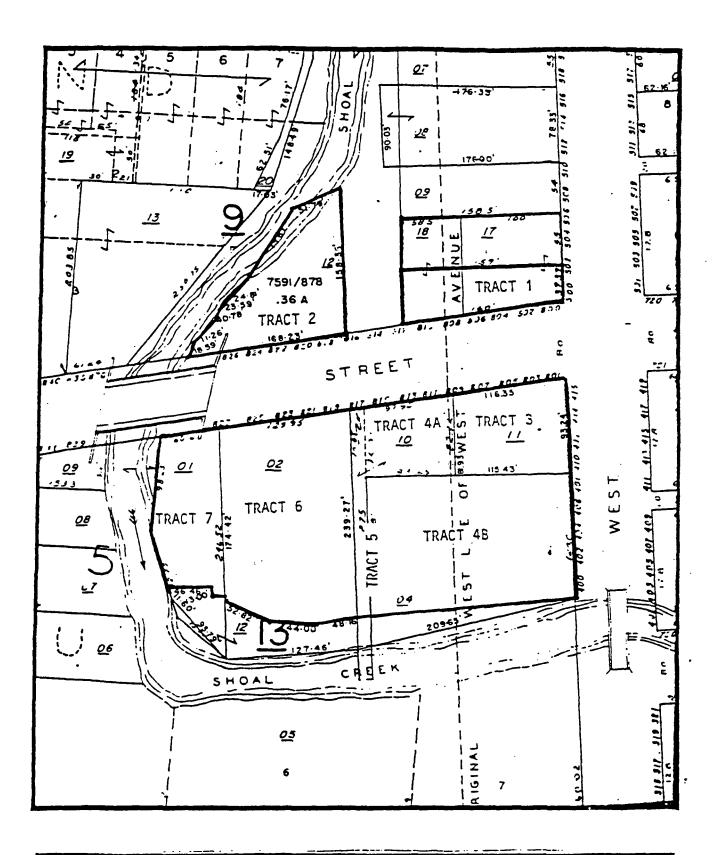
- (c) Automobile liability insurance in the amount of \$1,000,000 per occurrence for bodily injury and for property damage combined;
- (d) Comprehensive general liability insurance including contractual liability insurance in the combined single limit of \$1,000,000 per occurrence and in the aggregate;
- (e) Professional liability insurance in the amount of \$1,000,000 per occurrence.
- 10. Consultant shall invoice Client and Client shall pay to Consultant for its consulting services under this agreement as follows:
 - (a) Fees and all other charges will be billed to Client as provided in the Companion Documents or as mutually agreed in writing.
 - (b) Fees shall be paid within 30 days of being invoiced by Consultant to Client. If such invoice is not paid within such period, Client shall be liable to Consultant for a late charge accruing from the date of such invoice to the date of payment at the lower of 12 percent per annum or the maximum rate allowed by law. All taxes applicable to the proceeds received by Consultant hereunder shall be the liability of Consultant, and Client shall not be required to withhold or pay any amounts for federal, state or local income tax, social security, unemployment, or workers' compensation.
 - (c) Client hereby agrees that the balance as stated on the billing from Consultant to Client shall be deemed to be correct, conclusive and binding on the Client unless Client within thirty (30) business days from the date of receipt of the billing notifies Consultant in writing of the particular item that is alleged to be incorrect.
 - (d) If Client fails to pay any undisputed invoice in full within thirty (30) days after invoice date, Consultant may, at any time, and without waiving any other rights or claims against Client and without thereby incurring any liability to Client, elect to terminate performance of services upon ten (10) business days prior written notice from Consultant to Client. Notwithstanding any such termination

of services, Client shall pay Consultant in full for all services rendered by Consultant to the date of termination of services plus all interest, termination costs and expenses incurred by Consultant and related to such termination. Client shall reimburse Consultant for all costs and expenses of collection, including reasonable attorneys' fees.

- 11. In the event that any of Consultant's activities hereunder are at Client's site, Client will assume sole and complete responsibility for the project site, including safety of all persons and property, except to the extent such liability arises from the negligence of Consultant.
- 12. Client shall provide Consultant with all such information as shall be required to enable Consultant to perform its services hereunder, and warrants to Consultant that if it knows or has reason to suspect that hazardous materials may exist at any site to be surveyed by Consultant it has so informed Consultant. Consultant shall not be liable for any incorrect advice, judgment, recommendation, finding, decision or conduct based upon any inaccurate information supplied by Client.
- 13. Failure of either party to enforce any of its rights hereunder shall not constitute a waiver of such rights or any other rights hereunder.
- 14. These Terms and Conditions and the Companion Documents constitute the full and complete agreement of the parties and may only be amended, added to, superseded or waived in a writing signed by both parties. Reference by Consultant to any purchase or work order number supplied by Client shall be for accounting identification purposes only, and any terms and conditions therein or in any acknowledgement, confirmation or other communication by Client which are in addition to or in conflict with these Terms and Conditions and the Companion Documents are rejected.
- 15. If any provision of this agreement is held invalid or unenforceable, such provision shall thereupon be deemed modified only to the extent necessary to render the same valid or excluded from this agreement, as the situation may require, and this agreement shall be enforced and construed as if such provision had been included herein as so modified in scope or applicability or not been included herein, as the case may be.

- 16. Client shall not quote from, refer to, or otherwise use any part of the Consultant work product generated hereunder in such a way that the report is misquoted or presented out of total context.
- 17. If any legal action or any arbitration or other proceeding is brought for the enforcement of this agreement, or because of an alleged dispute, breach, default, or misrepresentation in connection with any of the provisions of this agreement, the successful or prevailing party shall be entitled to recover reasonable attorneys' fees and other costs incurred in that action or proceeding, in addition to any other relief to which it may be entitled, and subject to the limitations expressed elsewhere in this agreement.
- 18. This agreement shall be interpreted in accordance with the laws of the State of Michigan.
- 19. Consultant may not assign nor subcontract any of the work or services to be performed under this agreement without the prior written consent of Client.
- 20. In the event Comerica Incorporated or any of its subsidiaries (collectively referred to as "Comerica") is not the Client under this agreement, Consultant acknowledges that Comerica is a third party beneficiary to this agreement and that all covenants and representations of Consultant are made to and for the benefit of Comerica as well as Client.

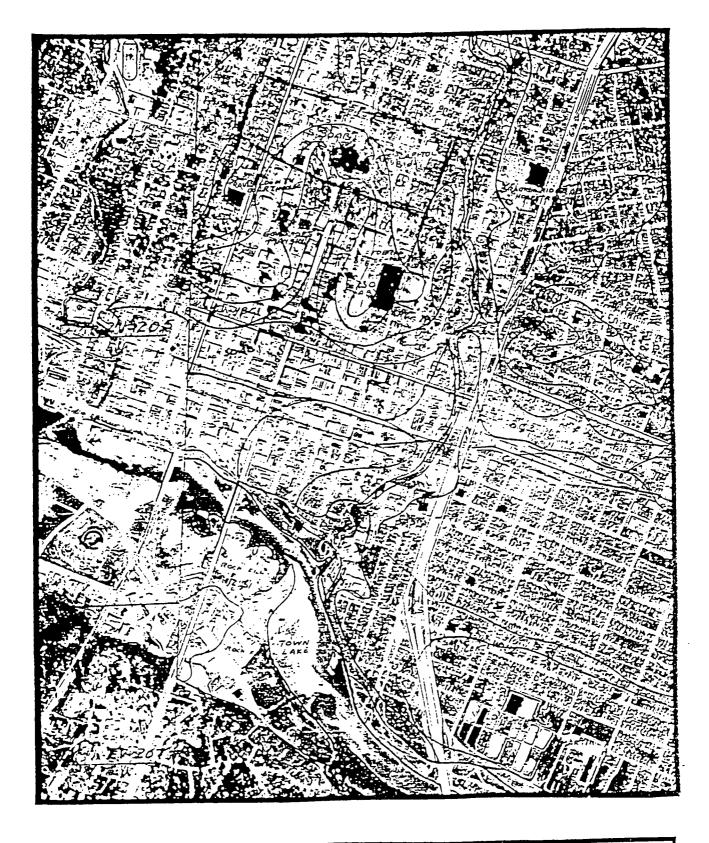
APPENDIX B



PLAT MAP
CITY OF AUSTIN



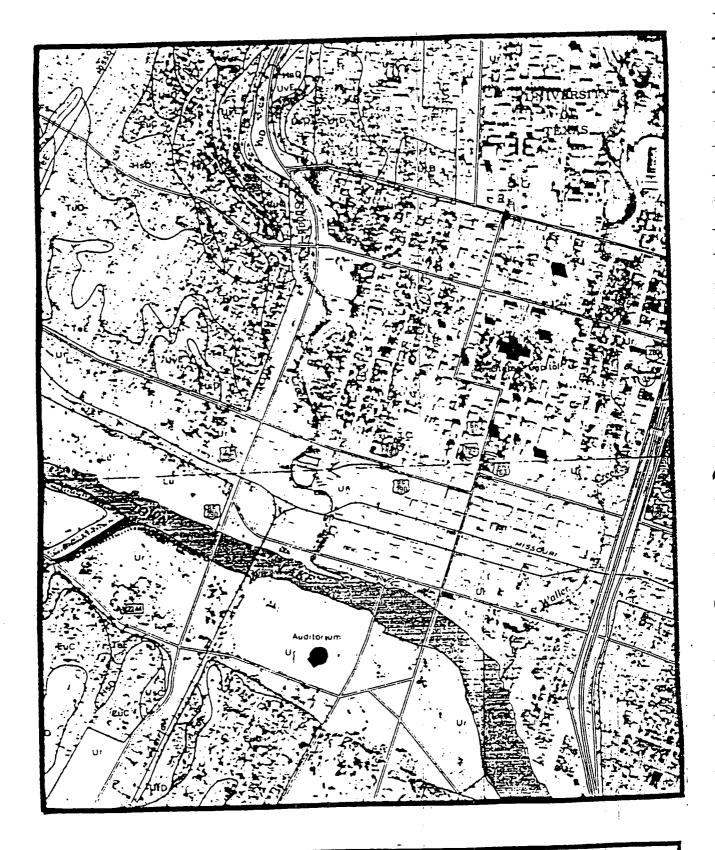
APPENDIX C



AERIAL PHOTOGRAPH AUSTIN HISTORICAL SOCIETY 1958

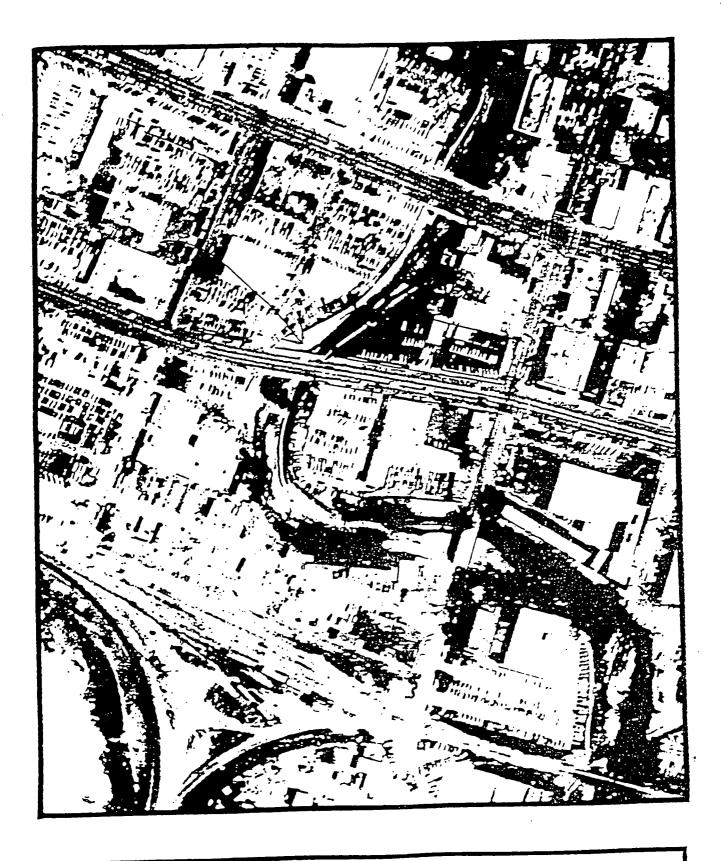
SCALE: 1" = 1320'





AERIAL PHOTOGRAPH U.S. SOIL CONSERVATION SERVICE 1974





AERIAL PHOTOGRAPH CITY OF AUSTIN MARCH 1984



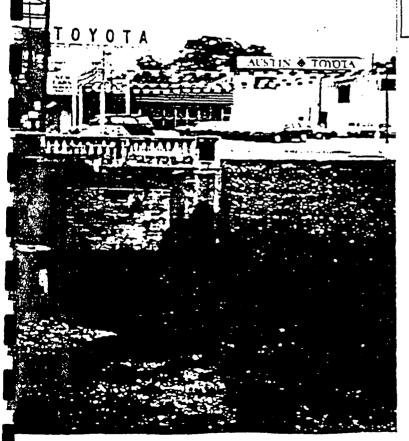


AELIAL PHOTGRAPH (TEALIS COUNTY APPRAISAL DISTRICT JANUARY 1989 里

SCALL: " = 4



ABOVE: INTERSECTION OF FIFTH STREET AND WEST AVENUE. MAIN BUILDING AND SERVICE BUILDING B SHOWN. PHOTO TAKEN FACING SOUTHWEST.



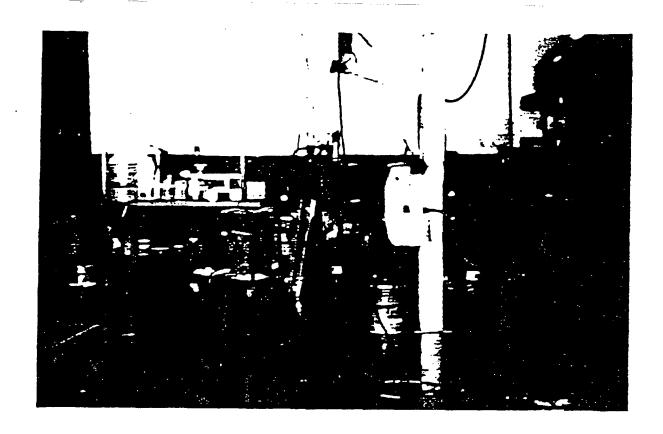
BELOW: SOUTHERN TRACT BORDERED ON THE WEST BY SHOAL CREEK. PHOTO TAKEN FACING EAST.



PARKING LOT LOCATED AT SOUTHWESTERN CORNER OF SOUTHERN TRACT. SHOAL CREEK, IN THE FOREGROUND, BORDERS THE TRACT TO THE SOUTH AND WEST. PHOTO TAKEN FACING SOUTHEAST.



SOUTHERN TRACT BORDERED ON THE SOUTH BY SHOAL CREEK. PHOTO TAKEN FACING NORTH.



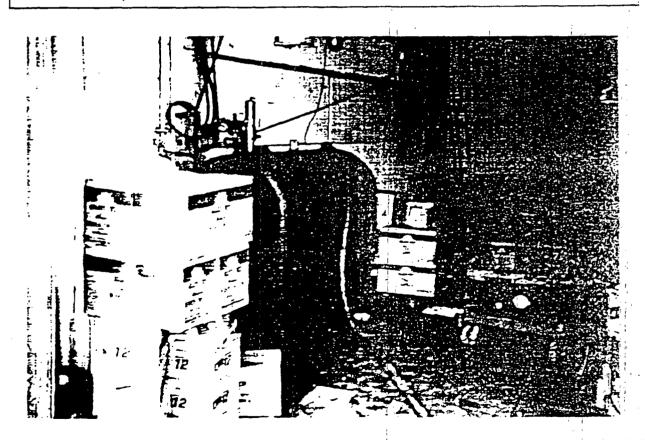
ABOVEGROUND STORAGE TANK, CONTAINING NEW OIL, LOCATED IN BUILDING B.



BELOW: USED BATTERIES ON ASPHALT PARKING LOT EAST OF BUILDING B.



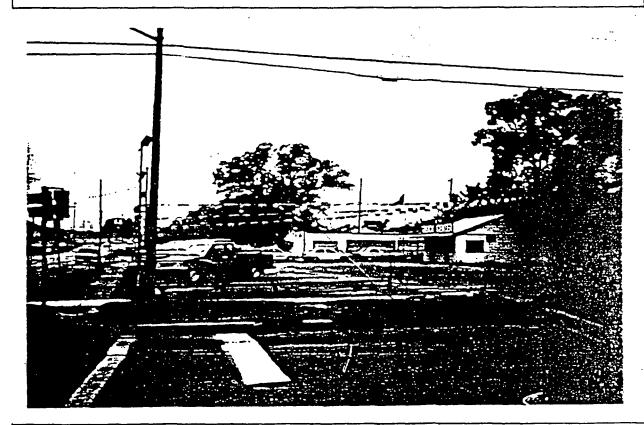
ABOVEGROUND STORAGE TANK, CONTAINING WASTE DIL AND USED ANTIFREEZE, IS LOCATED AT WESTERN SIDE OF BUILDING D.



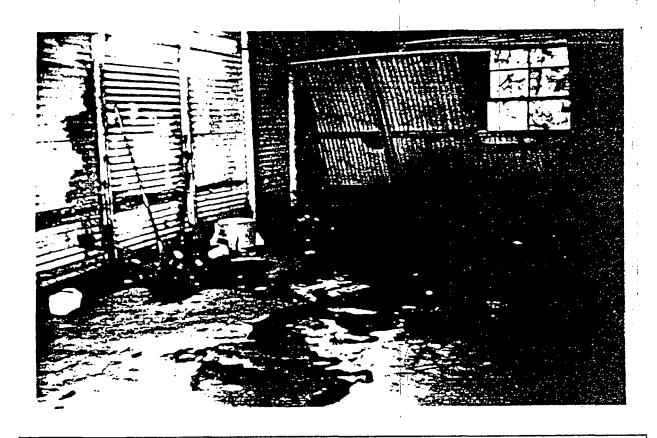
ABOVEGROUND STORAGE TANK, CONTAINING NEW OIL, IS LOCATED AT WESTERN END OF BUILDING C.



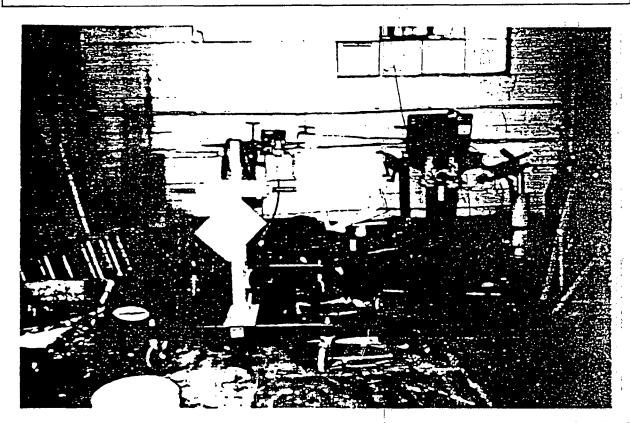
PIT CONTAINING UNIDENTIFIED SUBSTANCE IN BUILDING C.



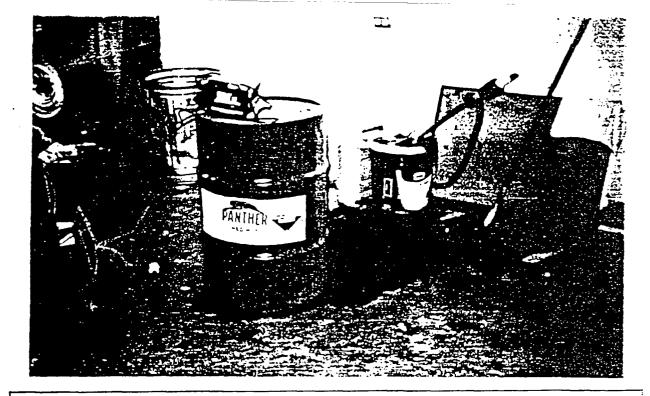
INTERSECTION OF FIFTH STREET AND WEST AVENUE. TOYOTA TRUCK CENTER LOCATED ON THE NORTHERN TRACT. PHOTO TAKEN FACING WEST.



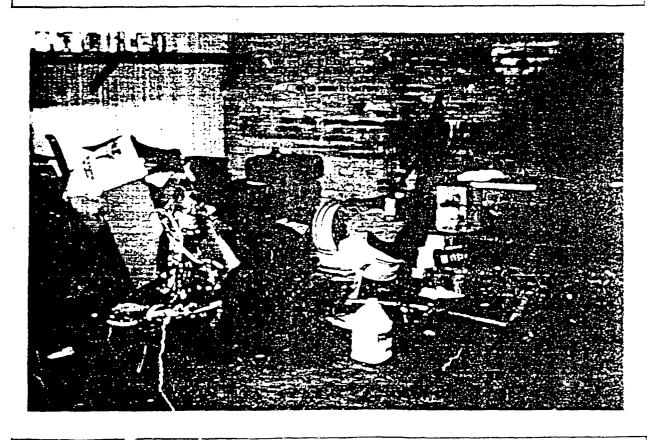
SUMP LOCATED AT EASTERN SIDE OF BUILDING C.



A SUMP WHICH IS NO LONGER BEING USED LOCATED A WESTERN SIDE OF BUILDING C.



DRUM, LABELED "PANTHER CHEMICAL ENERGY RED HOT", LOCATED IN WAREHOUSE BUILDING E. NOTE SPILL NEXT TO DRUM.



AUTO PARTS, TIRES, AND MISCELLANEOUS DEBRIS LOCATED IN WAREHOUSE BUILDING E.

THERET, in an easterly direction with the following two (2)

-

(1) S 86° 28' 57" Z 122.68 feet to a steel pin set;

(2) S 82° (1' 00° E 85.16 feet to the point of beginning.

FIELD ECTES:

Linds Alveres

10/19/77

REVISED:

Carlos Mosqueda

4/7/80

REVISED:

Carlos Mosqueda

9/15/80

FIELD WORE:

Jess Vood

F.B. 3354, Pg. 8-10

Que & Slampon

2-54-1813

James E. Thompson, P.E., R.P.S.

Chief Engineer Engineering Department

APPROTED: .

References 2-G-50 (Bearing Basis) 2-B-629

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TRANSPORTERIES

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APR 2 1981

THE STATE OF TICLES COUNTY OF TRAVES

DOW ALL MEN BY THESE PRESENTS:

That we, R. H. Hewitt and wife, Anna Haris Hewitt, of Travis County, State of Texas, for and in consideration of the som of Tan Dollars (\$10,00) and other good and valuable consideration, to us it hand paid by the City of Austia, the receipt and sufficiency of which is hereby acknowledged and composed, and for which no lien is retained, have this day granted, said and conveyed, and by these presents do hereby grant, sall and convey more the said City of Austia, a municipal composition situated in Travis County, Texas, the following described property, to with

50) square fact of land, same being out of and a part of that cortain tract of land out of butlet 11, Division 2 of the Covernment Outlots aujoining the Drightal City of Austin, Travis County, Taxas, eccording to a map e plat of said Covernment Outlots on 111s 1. the General Land Office of the State of Texas, which was conveyed, together with other property to R. R. Heritt by warranty deed dated January 13, 2936, of Federal Towns, 256, page 216, Deed Records of Travis County, Texas, and is the first tract described in said deed, which 503 square feet of land is more particularly described by mates and bounds as follows:

BELIMING at the point of intersection of the west lime of Sest Avenue, same being the east lime of said Sevitt tract with the proposed morth lime of Sest 5th Street, said proposed morth lime of Sest 5th Street being a lime 50.00 feet north of and parallal to the monumented centerlime of Sest 5th Street, as established by the Department of Public Sorks of the City of Austin:

THENCE with the west line of Nest Avames 5. 19° 00°E. 10.61 feet to the southwest corner of the said Bevitt tract;

TRINE with the south line of the said Hewitt tract N, 71° 00°M. 9k,85 feet to a point on the proposed marth line of Best 5th Street;

THENCE with the proposed north line of Wort 5th Street, S. 77" 28'E. 95.LL feet to the point of beginning.

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TO HAVE AND TO HOLD the above described presides, together with all and singular the rights and appurtueness therete in anyeles balonging unto the eald City of Austin, its successors and assigns, forever, and we do impuby defend all and singular the said premises unto the said City of Austin, its successors and assigns, against every person whomsoever lastuily claiming or to claim the same or any part thereof.

WITHOUTH our hands this \$10 de &

\$1.65 M. S. Int. Rev. Stamps Can.

THE STATE OF TREAS

COUNTY OF TRAVES

EURCH ME, the understored authority, on this day personally appeared R. M. Nowitt and his wife, Anna Marie Howitt, both known to se to be the persons whose names are subscribed to the foregoing instrument and the said R. M. Newtt acknowledged to se that he agrected the same for the purposes and consideration therein expressed. And the said Anna Marie Seritt, wife of the said A. H. Hewitt, having need examined by me privily and spart from her husband and maving the same fully explained to her, she, the seid Arma Haria Herrit, acknowledged soon instrument to be her act and deed, and declared that she had tilingly righed the same for the purposes and consideration therein expressed, and that she did not wish to retract it.

office with the fact of office this 30 day of

S Harry Smith

Piled for Second Aug. 1,1952 at R:00 A.M. Seconded Aug. 4, 1952 at 9:40 A.M.

C1510CZ

PROBATE NO.: 22, 019	FILED .10/10/60
THE ESTATE OF ROBERT H. HEWITT	, DECEASED
	· · · · · · ·
261/180 APPLICATION TO PROBATE WILL Applicant: ANNIE MARIE HEWITT Decedent died: 9-8-10 @ 78-42. Probable Value of Estate: \$	
261/182 WILL DTO 4/5/4/ Disposition of Property: WIFE, ANNA	Marie HewiTT
Appointment of (Independent) (Executor)	TExecutivis.
Trust set up:	·
261/183 NOTICE IND SHERIFF'S RETURN	
PROOF OF WILL	./ //
262/109 OATH OF (EXECUTOR) VEXECUTRIX) By: ANNA 1	Marie HEWITT
261/187 ORDER PROBATING WILL Letters Testamentary granted to: ANNIE 263/80 INVENTORY AND LIST OF CLAIMS Separate Property:	MARIE HEWITT
Community Property:	•
94.38'x 158.5' x /10' x /60 OL 11 DIV =	- CITY OF AUSTIN
Total Value of Estate:\$ Value of Decedent's 1/2	
263/83 order approving inventory and list of claims	•
264/25 GWAIVER OF APPOINTMENT OF APPRAISERS	
364/253 AFFIDAVIT OF EXECUTOR FOR INHERITANCE TAX AP.	PRAISEMENT
264/260 REPORT OF APPRAISEMENT (PRELIMINARY)	
24/26 ORDER FIXING AND ASSESSING INHERITANCE TAX \$	222.20
265/43 STATE INHERITANCE TAX RECEIPT \$ 222.20	_
CERTIFICATE OF NO STATE INHERITANCE TAX DUE	
PROOF ALL FEDERAL ESTATE TAXES PAID	
APPLICATION FOR ORDER CLOSING ESTATE	
ORDER CLOSING ESTATE	
OTHER:	

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PROBATE NO.: 40 041	FILED 3/17/78	-
THE ESTATE OF ANNA MARKE HEWITT	, DECEASED	
• • • • • • • • • • • • • • • • • • • •		•
662/112CAPPLICATION TO PROBATE WILL W. HEWITT Applicant: ANDREW W. HEWITT Decedent died: 3-9-78 @ 89 yr Probable Value of Estate: \$ 662/1122WILL 2070 1/5/6/ Disposition of Property: ANDREW W.	HEWITT	-
Appointment of (Independent), (Executor)	 	_ _
Trust set up:		
662/1/25 NOTICE IND SHERIFF'S RETURN 662/1/26 PROOF OF WILL 662/1/29 OATH OF (EXECUTOR) (EXECUTRIX) BY: ANDRE	W. Hewry	_
662/127 ORDER PROBATING WILL Letters Testamentary granted to: AND		
Geparate Broperty: 94.38' X 158.5' X 118	0'x160' TEACT	_
Total Value of Estate:\$ 3/6,14/.98 Value of Decedent's 1/2		
67/90 ORDER APPROVING INVENTORY AND LIST OF CLAIMS		
WAIVER OF APPOINTMENT OF APPRAISERS		
AFFIDAVIT OF EXECUTOR FOR INHERITANCE TAX APP	PRAISEMENT	
REPORT OF APPRAISEMENT (PRELIMINARY)		
ORDER FIXING AND ASSESSING INHERITANCE TAX \$		
68/747 state inheritance tax receipt \$ $8.257.27$	- -	
CERTIFICATE OF NO STATE INHERITANCE TAX DUE		
PROOF ALL FEDERAL ESTATE TAXES PAID		
APPLICATION FOR ORDER CLOSING ESTATE		
ORDER CLOSING ESTATE		
OTHER:		

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TRACT 1

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AOCOME	PAGE	90-1205 DESCRIPTION	GRANTEE	CHARACTER OF HIST	DATE	O & FIL	ED	REMARKS
						\Box	\exists	
538	246	WILLIAM J. BLEDSOE	R.H. HEWITT	WS	7	13	36	1)159' x 50' x 158.5' x 50'
333	210	(X) Hope	7.7. ACM 1		4	22	36	2) 245 Sp. FT.
rya	21	Fue II College	PII II	WD	6	<i>15</i>	36	55'x 46'
5.17	04	ELLA M. SCHLAUDT A SINGLE WOMAN	R.H. HEWITT	UND	8	3	36	
						\dashv	\exists	
						75		55'X110'
587	174	ELLA-M. AHRENS	R. H. HEWITT	WO	4	15.	38	35 × 110
		(FORMERLY ELLA M.) SCHLAUDT			$\left\{ \begin{array}{c} \cdot \\ - \end{array} \right\}$	-	\dashv	
							\dashv	
1279	10	R.H. HEWITT	CITY OF AUSTIN	WO	7	30	2	= EXHIBIT = 503 SQ FT. OUT & WO 538/24
	<u> </u>	(X) ANNA MARIE			- B	_		the Copy
								,
11	0.0	5 A Pos -	- 11 11-11-	De				
22	019	ESTATE OF ROBER	DECEASED	PC	70	70	60	SEE ATTACHED
			Ducenses					
40,	041	ESTATE OF ANNA MA	WE HEWITT DECEASED	A	3	17	78	SEE ATTACHED
- /							·	
160	319	En e oc 11	W. HENITT DECONOD	PC			7.4	SEE ATTACKED

PROBATE NO.: 40, 319	FILED _	6/15/78
THE ESTATE OF ANDREW W. HEWITT		, DECEASED
	: : : :	• • •
/ Probable value of Estate: \$/_	44702) \$ Heren Lor	USE HEWITT (WIFE)
668/955 WILL TO 6-1-78 Disposition of Property: BETTY HEWITT	TY DOCKE	2, DAUGHTER
Appointment of (Independent) (Executor BETTY Hewitt Delker #	(Executri	TXTY HEWITT
Trust set up:		
668/962 NOTICE IND SHERIFF'S RETURN	•	
668963 PROOF OF WILL	0. //	There is no
65 PROOF OF WILL 1964 LE 965 OATH OF (EXECUTOR) (EXECUTRIX) By: Here	EN LOUISE	HEWITT
ORDER PROBATING WILL		//
700 432 INVENTORY AND LIST OF CLAIMS Separate Property: 94.38 × 158.5 × 1	10'x160'	TRACT
Letters Testamentary granted to: 700 432 INVENTORY AND LIST OF CLAIMS Separate Property: 94.38 × 158.5 × 1.00 Community Property CITY	OF AUST	ent
Total Value of Estate:\$ 258,891.19 Value of Decedent's 1/2		
700/43 order approving inventory and list of clai	MS	•
WAIVER OF APPOINTMENT OF APPRAISERS		
AFFIDAVIT OF EXECUTOR FOR INHERITANCE TAX	APPRAISEMEN	iT
REPORT OF APPRAISEMENT (PRELIMINARY)		
ORDER FIXING AND ASSESSING INHERITANCE TAX	\$·	
STATE INHERITANCE TAX RECEIPT \$		
7/7/905 CERTIFICATE OF NO STATE INHERITANCE TAX DU	E	
PROOF ALL FEDERAL ESTATE TAXES PAID		
APPLICATION FOR ORDER CLOSING ESTATE		
ORDER CLOSING ESTATE		
OTHER:	·	

•

DESCRIPTION OF PROPERTY TRACT /: OL 11 DIVZ 0.382 Ac G.F. NO. VOLUME! PAGE GRANTOR GRANTEE DATED & FILED REINTEACT OF LONGE DID 12/5/78

HELDN HEWITT, BY & THRU ARLENS F. AHRENOT

& BETTY SO DOCKER, LESSORS 311,643 GEORGE BAUER AUSTIN TOYOTA INC. PETE G. VESCOVO DOROTHY VESCOVO TRUSTED PAS BILL ELLISON ALFRED CARAVALHO DEA GRANADA AUTO SALES, LESSEE TERM: 1/1/79 TO 12/31/85 AUTOMOBILE SALES BUSINESS ONLY PROJECTLY AT NW CORNER OF W. 5785T & WEST AVENUE, 94 ON WEST AVE, E 159 ON W. 5TH ST. "CONSENT TO SUB-LEYSE & RIGHT OF FIRST REFUSAL" (NOT DATES) ಳ HEWITT HEIRS GRANT SUBLEMENT TO AUSTIN TOYOTA INC. & GRANT AUSTIN TOYOTA INC THE RIGHT OF FIRST REPUSAL OF SUBJECT Land peoperry SUT COVERS PURCHAGE CONTRACT BETWEEN HENTY HURS & BALLER ASE DISMISSED 9/33/80

Services, Inc. Resource Research

TRUGT 3 15 79 AGR 3 27 79 6509 157 HELEN L. HEWITT ARLENE F. AHRENDT AS TRUSTEE EXCHANGE PROPERTY IN BUST FUNDS -94.38'X 158.5'X 110' X 160' TRACT OL 11, DIV = CITY OF AUSTIN <u>5</u> 0.382 AC DIVZ Services, 739/492 BETTY HEWITT DECKER PETER G. VESCOVO, TIT TRUSTEE Resource AGR 71 24 81 HELEN HEWITT THOMAS ARLEVE F. AHRENDT COMPROMISE SETTLEMENT AGREEMENT ≪ DC 18,204 MILAM COUNTY Research SETS ASIDE TRUST AGREEMENT 6509/157-PROPERTIES TO BE SOLD TO DAY DESTS AND 2 NEW TRUST AGREEMENTS EFFECTIVE Land HELEN HEWITT THOMAS TRUSTOR HELEN HEWITT THOMAS TRUSTEE BETTY JO DOCKER TENSTEE ARLENE F. AHRENDT, TRUSTEE SUBJECT PROPERTY NOT SHOWN IN NEW

DESCRIPTION OF PROPERTY TRACT 1:

GRANTEE

G.F. NO.

VOLUME PAGE

GRANTOR

OL 11 DIVZ

REMARKS

TRUSTEE GRANTED POWER TO SELL OR

PROPERTY & DIS PENSONS RELEASED

0.382 Ac

DATED & FILED

G.J	F. NO.	DESCRIPTIO	N OF PROPERTY					<u> </u>
ADFINE	PAGE	GRANTOR	GRANTEE	OF PIST	DATE	O & FI	LED	REMARKS
7629	192	HELEN HEWITT	ARIENE F. AHRENDT	lug-	<i>3</i> / <i>7</i> /	25 34	87	TRUST AGREOMENTS DATED 3-15-79 SET ASIDE & DECLARED TO BE NULL
				MENT				\$ VVID
				<u> </u>				FULL LEGAL & EQUITABLE TITLE IN SUBJECT PROPERTY RESTORED IN \$ TO HELEN HENITT
								'
								DC 18,204 MILAM CORNTY
		·						(RECORDED AFTER CONVEYANCE & NO FULTHER ACTION TAKEN)
10815	1469	PETER G. VESCOVO, III, TRUSTEE	PETE G. VESCOVO	WD	11	9	88	SEE ATTACHEN 0.382 A
		TRISTEE	DOROTHY VESCOVO					SEE ATTACHED 0.382 A
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56C. NO.

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FILM CODE

00104929

Proposed by the State Bar of Texas for one by law yers only Revised ID-85. Owners to his bar a true

00001:423457

WARRANTY DEED

Duc: November 9 . 1988

-140 Fr (22)

7.00 INDX 11/10/88 19.29-0001

Grand: Peter G. Vescovo, III, Trustee

Gramm's Mailing Address (seclading county): 4808 Woodside, Austin, Travis County, Texas 78735

Gramm: Peta G. Vescovo and Dorothy Vescovo

Greener's Mailing Address (including county); 805 W. 5th Street Austin, Travis County, Texas 78703

Commitments: Tem (\$10.00) Dollars and other good and valuable consideration, the receipt of which is hereby acknowledged.

Property (including any improvements): 0.382 acres of land, more or lass, being a portion of Outlot 11, Division Z of the Government Outlots adjacent to the Original City of Austin, Travia County, Texas, and being more particularly described in Exhibit "A" attached hereto and made a part hereof.

My Commission of the Line

Reservations from and Exceptions to Conveyance and Warranty: None

Grantor, for the consideration and subject to the reservations from and exceptions to curveyance and warranty, grants, sells, and conveys to Grantee the property, ingester with all and singular the rights and appurenances thereto in any wise belonging, to have and hold it to Grantee, Grantee's hirts, executors, administrators, successors, or as right forever. Grantee birds Grantee and Grantee's heirs, executors, administrators, and successors to warrant and forever defend all and singular the property to Grantee and Grantee's heirs, executors, administrators, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part shereof, except as in the reversations from and executors person person warranty.

When the contest requires, secondar makes and programs section the plant

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FIELD NOTES
FOR
PETE G. VESCOVO

0.382 ACRE TRACT

ALL OF THAT CERTAIN TRACT OR PARCEL OF LAND, BEING A PORTION OF OUTLOT 11. DIVISIGN Z. GOVERNMENT GUTLGTS ADJACENT TO THE ORIGINAL CITY OF AUSTIN. ACCORDING TO A HAP ON FILE WITH THE GENERAL LAND OFFICE OF THE STATE OF TEXAS. PEING ALL OF THAT CERTAIN TRACT OF LAND AS CONVEYED TO PETER VESCOVO. 111. BY DEED RECORDED IN VOLUME 7391. PAGE 496. DEED RECORDS. TRAVIS COUNTY, TEXAS. SAID TRACT OF LAND BEING RORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING at an iron pipe found at. The intersection of the West r.e.w. line of West Avenue with the North ,r.o.w. line of West Sth Street, being in the East line of thet tract of land as conveyed to Peter Vescove. Ill. by deed recorded in Volume 73%1. Page 49%, Deed Records of Travis County, Texas, for the Southeast corner hereni, and from which iron pipe a concrete sonument found at the intersection of the centerline of West Steet beers, S 290 16° E for a distance of 53.47 feet;

THENCE with the East line of the said Vescovo tract, being the West line of West Avenue, N 150 52' I for a distance of 94.52 feet to an iron-pipe found at the Mortheest corpar of the said Vescovo tract, for the Mortheest corpar barand:

THERET E 710 DB* W for a distance of 161.00 feet to we aron pur set the Northwest Corner of the said Vescovo tract, being in the East line of a 15 foot alley, for the Northwest corner hereof:

THENCE with the West line of the said Vescovo tract, being the East line of the said 15 foot alley, 5 18° 32' W for a distance of 112.40 feet to an iron pin set at the Southwest corner of the said Vescovo tract, being in the North r.o.w. line of West 5th Street, for the Southwest corner hereof:

THENCE with the North line of West 5th Street, 5 77° 28° E for a distance of 162.00 feet to the PLACE OF BEGINNING, and containing 0.362 acre of land, more or less.

AS SURVEYED BY:

DOUGLAS A. SEELIG , REGISTERED PUBLIC SHIVEYOR NO. 1908 3802 Hanchoca Road

Austin. Texas 78704 April 20. 1981 October 26. 1988

bork Order No. ±474 Disk 9

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FIGURE FEEL SOUTH OF THE SELECT OF THE SELEC

NOV 10 1985

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(Int. Leura Tanta Country Tours

Planse neuro in Hartage Title Company 301 Company, Sure 53, Austin, Team 75701 56-1057/300 PROPERTY RECORD

TRACT 2

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rotons	Page	GRANTOR	GRANTEE	CHARACIER OF PIST	DAT	ED & F	LEO	KA 0.356 AC) OUTLOT 11 DIVISION Z
398	136	R.C. LAMBIE LXJ EMOGENE	GUIDITYA FRANKETTI WITE OF ANGELO FRANCET	WD	12-7	28 7	26 27	TRACT OUT OF OUTDOT 11 AVISION ? ON EAST BANK OF SHOAL CREEK PARTIEL TO WEST AVENUE
461	406	ANGELO FRANCETTI X) GUIDITTA	CITY OF AUSTIN	W/s	12	29	30	STRIP OUT OF OL 11, DIV & CONVEYED. 574 ST. & SHOPE BREEK - EXHIBITE
								\$ GRANTS PERDETUAL EXCEMENT — ELECT PHATATAIN CONCRETE WING-W OVER SUBJECT PROPERTY
								IMPROVENENTS TO BE MOVED & CONNECTED TO SANTARY SEWER
								sce Amares agg
75	43	ESTATE OF ANGELO	RAHEETTI DOCEAGED	R	9	29	3/	ALL ESTATE TO WIFE, MES. GUIDITA
								SUBJECT PROPERTY NOT SHOWN AS PART OF COMMUNITY ESTATE
					-			'
•								
				1	 _	ļ	_	

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= EXHIBIT = TRACT US EXECUTENT ON SUBJECT PRO

(Wotary Seal)

Clyse Sailer, Hotery Public. in and for Travis Jounty, Temas.

Recorded 7 Jan, 1941, at 1:15 Pat.

Filed for Record 6 Jan, 1931, at 8:15 A.M.

STATE OF TRIAS

COUNTY OF TRAVIS WHEREAS, by ordinance passed on the 17th day of July, 1930," the City of Austin, Texas, levied an assenment payable to Southwest Bitulithic Company, against premises fronting 130.67 feet on the East side of East Avenue Street in mid City and County. md asserbed as Lot No. 1, in Block No. 45, of Division "9" of Foster and Ludlow Addition and being essessed against J.J.Eitschke Estate and Ers. Alice H. Mitschke, the said assessed to ment being in the sum of .977.15 and being also against the owners of said gramisos, and 🍜

WITTLES, all the sums due said Company for and on account of said assessment and said contract have seen mid in full.

NOT, TAXABORE, COOK ALL MEE HE TAXAB PRESENTS:

That Southwest distulithed Company, for and in consideration or the full and final payment of said sums, does declare mid assertment and the certificate issued in evidence . We thereof, and the said contract folly canvelled, discharged and satisfied, and does release 🤔 all lieus upon said premises existing by reason thursof. . ..

IN MINISS WHENDY, said Congany, acting herein by 7.3. Thompson, its ouly outhorized Agent and Aptorneyin Fact, whose power of attorney is duly recorded in Travia County; Terms, now desired these presents to be executed, this the Ern day of January, J.P., 1931. - 2

SUMMIT AND THE SERVER. The

By F. S. Thompson.

Its Agent and Attorney in fact.

STATE OF TELES

COUNTY OF TRAVES

BIFORD No. the undersigned authoraty, a Dotary Public, in " and for Travis County, Taxas, on this day personally appeared J.B. Thompson, move to me. to be the person whose name is subscribed to the foregoing instrument, and semmovied ed to me that he executed the same for the purposes and consideration therein expressed, and in the capacity of Agent and Autorney in Fact for STIMMENT MINULITIES COUPLIES, and as the act and deed of unit .

TITES Under my head and seal of office, this are day of January, 1.3,1951.

Was H. Mims, Notery Public, in and for Travis County, Texas.

(Botary Seal) Filed for Record 5 Jan, 1931, at a 7.K.

Recorded # Jan, 1931, at 1:30 P.M.

THE STATE OF TEXAS

COURTY OF TRAVIS

THOU ALL THE ST THESE PRESENTS:

TRAT JE, Angelo Francitti and Quiditta Francetti, husband and wife, of Travis County, Texas, for and in consideration of the sum of Eight Rundred and T-enty-five (\$825.00) Dollars, much to us in hand paid by the City of Austin, and for the further consisteration that the remass herein will move, at its own expense, the improvements situated on the land herein conveyed to the certain place to be designated by us mark of the new property line or our pressitts, as established by our conveyance of the hereignfter described ling, which is a ~- T' of our said premises; and will connect, free of cost, said improvements with the samitary sever; and will fill in the back portion of our said premises to grade at its own expensed have granted, sold and conveyed, and by these presents do grant, sell and convey unto the Manager & part of City of Austin, a municipal corporation, the following described stripe: land;

Outlist No. 11, in Division "2" in the City of Alatin, Travis County, Texas, described as follows , texit: Beginning at a point 25 feet South 19" Next of and 4.9.1 feet north 71" Next of the concrete mammant at the intersection of the centerline of Yest Avenue and the centerline of Yest Avenue and the centerline of Feet Fifth Street, said point being on the East Jank of Shoal Creek; Thence South 71" Next a distance of 200 feet to a point of angle in the line, said point of ancle being the mouthness corner of our property; thence North 19" East a distance of 41.65 feet to a point of angle in the Line, said point being on the North Line of the proposed North Tifth Street extension; Thence North 77"28" Nort with the North Line of said proposed street, a distance of 195.15 feet to a point on the East bank of Shoal Creek; and thence in a south-westerly direction following the meanagers of said Shoal Creek, a distance of approximately 20.11 feet to the place of beginning .

And for the consideration hereincoove stated, we do hereby give and grant to the City of Austin, a perpetual easement and right to erect and perpetually mainteen on impremises a concrete wing-wall, as part of a bridge structure to be erected by the City of Austin over Shoal Creek, said wing-wall to be located near the East bank of Shoal Creek, at an angle of approximately 40° with the new property line of our premises, as established by this conveyance, and to project on to our rule premises for a distance of approximately 20 feet.

TO HAVE AND TO HOLD the strip of land hereinabove described and the spow described seasons, together with all and singular the rights and appurtenances thereto in anywise belonging, unto the said City of Austin, its successors and assigns forever.

ADD TO be red; bindourselves, our heirs, executors and administrators to marriet and forever defend all and simpler the said premises unto the said City of Austin, its sudsessors and as igns, against every person submedever lawfully claiming or to claim the same or any part thereof.

MINING OUR EMINS, this the gith day of December, L.D., 1930.

Angelo Franzet.i

Paiditta Prensetti .

THE STATE OF TIME

CUULT OF TRAVIS SETT III, a Hotary Public, inand for Travia Sounty, Texas, on this day personally appeared ingelo Franzetti, known to me to be the person whose name is subservised to the respond instrument, and he acknowledged to me that he sixted the same for the purposes and consideration thereinexpressed.

also, before me on this day personally appeared Juiditta Franzetti, wire of the said Angelo Franzetti, known to me to be the remon more names subscribed to the Toregoing instrument, and naving been exemised by me privily and apart from her husbent, and have a ling the same fully explained to her, she, the said Guiditta Franzetti, admovied and such instrument to be her act and used, and orolared that she had willingly signed the same for the purposed and consideration therein explained, and that she did not wish to retract it.

The Under my hand and seal of office, this the Bith day of December, A.D., 1950.

J. T. Hewlett, Hotory Public,

(Sotary Seal)

Filed for secord 5 Jan, 1931, at 5 P.K.

Travis County, Texas.

Becorded T Jan, 1931, at En15 P.M.

THE TALE OF TEXAS

COUNTY OF TRAVIS

ENDS ALL MER BY THESE PRESENTS:

and style of Mosby and Lott, both of the County of Trevis, in the State of Terms, for value

0.36 Ac G.F. NO. 90-1205 TEACT 2: DESCRIPTION OF PROPERTY GRANTOR POLUME PAGE GRANTEE DATED & FILED HEMARKS 1688 250 GUIDITA TRACT 10: PROPERTY KNOWN AS 812 AND 814 WEST 5TH ST. 35 FRANZETTI. JULIA F. MCWHORTER OL 11, DIV 7 WD 355/529 TO COLLING LESS LTMP IN WD 461/406 TO CITY) JOE C. FRANZETTI OUIS JOSEPH FRANZETTI TO GETHOR WITH INGRESS / EXPESS & ALL RIGHTS TO & USE OF 12' ALLEY ပ္ပ UNOIVIDED 1/4 INTEREST ON EAST SIDE ADJOINING PROPERTY Services, W 2538 565 JULIA F. M. WHONTER DE C. FRANCETTI TRACT 7: 812 & 814 W. 5TH ST.

OL 11 DIVZ
WARNINGO 1/4 INTEREST Resource ARTHUR A. FRANZETTI LOWS JOSEPH FRANZETTI (V) Muxery D. Research PARTI-10 8 64 TRIN 10 9 64 2845583 ARTHUR A. FRANZETTI JOE C. FRANZETTI 220 ALL WADIVIDED INTEREST LOUIS JOSEPH FRANZETTI and GIFT 11 7 75 DEED 11 7 75 ROBERT J. FRANZETTI JOE C. FRANZETTI 812 AND 814 WEST 5TH ST. THOMAS MONTE FRANCETTI MUNRAY D. FRANZETTI LINOIVIAED 70 INTERES

90-1205 DESCRIPTION OF PROPERTY TEACT 2: 0.36 AC GRANTOR GRANTEE DATEDAFILED VOLUME PAGE REMARKS 875 ROBERT J. FRANZETTI RALPA E. FRANZETTI THOMAS MONTE FRANZETTI WURAY D PRANZETTI Pete G. Vescalo 0.36 DC (15,499 SQFT. WD Resource Services, Inc. ಳ Land Research

WARRANTY DEED

1100

四-5-81至 5677 • 11.00

2-69-8450

THE STATE OF TEXAS \$

COUNTY OF TRAVIS

KNOW ALL MEN BY THESE PRESENTS:

That JOE C. FRANZETTI, ROBERT J. PRANZETTI, RALPH E. FRANZETTI, THOMAS MONTE FRANZETTI and MURRAY D. PRANZETTI, not joined herein by our respective wives for the reason that none of the property herein conveyed constitutes any portion of our homestead, business or residence, all of the County of Travis and State of Texas, for and in consideration of the sum of TEN AND NO/100 \$10.00) DOLLARS, cash in hand paid, and other valuable consideration to the undersigned paid by the grantee herein named, the receipt of which is hereby acknowledged, have GRANTED, GOLD AND CONVEYED, and by these presents do GRANT, SELL AND CONVEY unto PETE G. VESCOVO, 805 Lest 5th Street, Austin of the County of Travis and State of Texas, all of the following described real property in Travis County, Texas, to-wit:

All that certain real property being a part of Outlot No. 11, Division "Z", in the City of Austin. Travis County, Texas, and being more particularly described by metes and bounds in Exhibit "A" attached hereto and made a part hereof for all pertinent purposes.

TO HAVE AND TO HOLD the above described premises, together with all and singular the rights and appurtenances thereto in anywise belonging, unto the said grantee, his heirs and assigns forever; and Grantors hereby bind ourselves, our heirs, executors and administrators to WARRANT AND FOREVER DEPEND all and singular the said premises unto the said grantee, their heirs and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof.

This conveyance is made and accepted subject to any and all conditions and restrictions, if any, relating to the hereinabove described property, to the extent, and only to the extent, that the same may still be in force and effect, shown of record in the office of the County Clerk of Travis County, Texas.

EXECUTED this 42 day of September _____, A. D. 1981.

Je le Ganziti

OLDA E. FRANZETTI

ROBERT . FRUZETTI

Thomas More tre

The state of the s

DEED RECORDS

THE STATE OF TEXAS & COUNTY OF Journs &	
This instrument was acknowledged by JOE C. FRANZETTI.	before me on September 4, 1981
NOTARY SEAL	Note y Public in and for TRAVIS County, Texas [type or print name]
	My commission expires:
emilion of	3/31/85
THE STATE OF TEXAS S	,
This instrument was acknowledged by ROBERT J. FRANZETTI.	before se on Scotenber 4. 1981
NOTARY SEAL	Notary Public in and for Travis County, Texas Carrie Cail Crais (type or print name) My commission express
	12-12-84
THE STATE OF TEXAS SCOUNTY OF LAVIS STATE OF TEXAS SCOUNTY OF LAVIS STATE OF TEXAS SCOUNTY OF LAVIS SCOUNTY OF TEXAS ACKNOWLEDGED BY RALPH E. FRANZETTI.	before me on September 4. 1981
Notary Seal	Botary Public in and for Trads County, Texas Carrie Gail Craig (type or print name) My commission express 12-12-84

FIELD NOTES

FIELD NOTES FOR 15,499 SQUARE FEET OR 0.36 OF ONE ACRE OF LAND OUT OF OUTLOT 11 DIVISION Z OF THE GOVERNMENT OUTLOTS ADJOINING THE ORIGINAL CITY OF AUSTIN, TRAVIS COUNTY, TEXAS, ACCORDING TO A PLAT OF SAID GOVERNMENT OUTLOTS ON FILE IN THE GENERAL LAND JILLY OF THE STATE OF TEXAS, AND ALSO BEING THAT TRACT OF LAND DESCRIPTION A DEED TO ROBERT J. FRANZETTI, RALPH E. FRANZETTI, THOMAS HONTE FRANZETTI AND MURRAY D.FRANZETTI OF RECORD IN VOLUME S314 AT PAGE 684 OF THE DEED RECORDS OF TRAVIS COUNTY, TEXAS; WHICH TRACT OF LAND CONTAINING 15,499 SQUARE FEET OR 0.36 OF ONE ACRE IS MORE PARTICULARLY DESCRIBED BY METES AND ROUNDS AS EQUILORS. DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING at an iron stake found in the north line of West 5th Street at the present southeast corner of the said Franzetti tract, same being the northeast corner of a tract of land described in a deed from Angelo and Guiditta Franzetti to the City of Austin of record in Volume 461 at Page 406 of the Deed Records of Travis County, Texas, said iron stake also being in the wost line of an alley fifteen (15) feet in width, and from which iron stake found a concrete monument at the point of intersection of the centerline of West

Crete monument at the point of intersection of the centerline of West

Crete monument at the centerline of West Avenue bears 577° 23'E 217.50 5th Street with the centerline of Nest Avenue bears 577° feet and S19° 00'W 40.26 feet and also from which iron stake the original southeast corner of the said Franzetti tract bears S19° 00'W 41.65 feet;

THENCE, with the north line of West 5th Street, N77° 23'W 168.23 feet to an iron stake found at the corner of a wing wall;

THENCE, N44° 01'E 18.15 feet to an iron stake at the north end of said wing wall;

THENCE, with the top of the bank of Shoal Creek the following six (6) courses:

- 52'E 11.26 feet to an iron stake found;
- N62° 34'E 40.71 feet to an iron stake found: N67° 06'E 23.59 feet to an iron stake found.
- 4) NS6° S2'E 24.81 feet to an iron stake found; 5) NS2° S2'E 79.67 fete to an iron stake found; and
- 6) Has 33'E 51.79 feet to a cross cut in Concrete for the northeast corner of the herein described tract of land in the west line of said alley;

THENCE, with the east line of said Franzetti tract and the west line of said alley, S10° 00°W at 10:00 feet pass an iron stake in all a distance of 158.35 feet to the POINT OF BEGINNING.

Priest, Reg. Public Surveyor

δ78

THE STATE OF TEXAS SCOUNTY OF TRAVIS

This instrument was acknowledged before me on Statember 4 1981 by THOMAS MONTE PRANZETTI.

2-69-8452

Notary Public in and for TRAVIS County, Texas

NOTARY SEAL

Carrie Gail Craig
(type or print name)

My commission express

12-12-84

THE STATE OF TEXAS !

This instrument was acknowledged before me on Section 4, 1981 by MURRAY D. FRANZETTI.

NOTARY SEAL:

Notaty Publicant and for County, Texas

E. H. Scartt (type or print name)

My commission express

3/31/85

2-69-8454

TRACT 3

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25 et .

DESCRIPTION OF PROPERTY TRACT 3: 10,118 Sq. FT. OUTLOT 11 DIVISION Z 90-1205 G.F. NO. 137 433 D.P. KINNEY
(X) BEYLAN /4. 6 17/896 WS . W. SMITH, PRECIDENT FLIES ALONG 5TH ST. OF THE BOARD OF TRUSTERS OF AUSTIN CITY PUBLIC FREE SCHOOLS <u>5</u> BOARD OF TRUSTEES OF 5 24 47 Services, OCD 428 AUSTA PUBLIC FROE SCHOOLS CITY OF AUSTIN WEST AVENUE & 50 ST. TRACT = EXHIBIT= Resource 5 24 47 J.F. STEUSKY 851 0.383 AC TRACT 135 WO / ಠ (X) WILLIE MAE F PUTCLAIM 0.007 AC TRACT Research and STILL 94 47 ALL IMPROVONENTS ONLY LOCATED J.F. STEUSSY (X) WILLE MINE 63 QUENTEN FRANKS ON TRACT - WD 85/ /135 17 CONSTRUCT ONE STORY STORE BLOG 19 24'X60' OF STONE, THE & PLASTER OVER CONCRETE FLOOR EASE 835 /82 E.W. BENNETT CONTRACTOR ML// 0.383 Ac \$22,000

DESCRIPTION OF PROPERTY TRACT 3: 10,118 SQ. FT. DUTZOT 11 DIVISION Z 90-1205 GRANTOR *01.044 PAGE J.F. STENSY (X) WILLE MAE 67 54 = EXHIBIT = 1466 My H. BROWN, TRUSTER WS 2 TRACTS Services, Inc. 1556541 ML D.B. WAKE ADDITIONS TO EXISTING IMPODEMENTS 19,000 0.39 AC - WD 851/135 SAVE \$ WD 3980 443 CHARLES VANA-Resource EXCEPT APPROX! 86' OFF WEST END CONVEYED IN WD 1466/85 & BENY (X) MARIE CHARLES VAVA (X) MARIE SALE J.F. STEUSSY (X) WILLE MAE 3537 297 DERSONAL PROPERTY SITUATED AT JAKE'S RESTAURANT Resea Equipment, ZULLANG, ETC. Land 1050 513 MARIE M. VANA PETER G. VECOVO WD SEE ATTACHED COPY - 10,118 SP. ET. SINGLE WOMAN MARIOD MIN NO DIVORCE OR DROBATE

arch

TO HAVE and TO HOLD the above described premises, tog ther with all and singular, the rights and appurtenances thereto in anywise belonging unto the Grantee, above named, his heirs or assigns. FOREVER. And Grantor does hereby bind myself, my heirs, executors and administrators, to WARRANT and FOREVER DEFEND, all and singular, the said premises unto the said Grantee, his heirs end assigns, against every person whomsoever lawfully claiming, or to claim the same or any part thereof; SUBJECT, however, to all valid restrictions and/or easements affecting the use of said property as this date reflected by the records of Travis County, Texas.

BUT, it is expressly agreed and stipulated that the Vendor's Lien is retained against the above described property, premises and improvements until the indebtedness, above mentioned and described, as evidenced by the hereinbefore described note, principal and interest, is fully paid according to its face and tenor, effect and reading, when this deed shall become absolute.

FOR VALUE RECEIVED as aforesaid, Grantor herein, does hereby TRANSFER, SET OVER and ASSIGN, without recourse on me in any event, unto the said FIRST CITY NATIONAL BANK OF AUSTIN, its successors and assigns, the Vendor's Lien herein retained, together with all rights, equiries, and superior title thereto securing payment of said note, as aforesaid.

EXECUTED this 24th day of November, 1987.

11 11 ELE 117 21

abodese. Ando drugg

WARRANTY DEED WITH VENDOR'S LIEN

04 -30-6215

THE STATE OF TEXAS I

KNOW ALL HEN BY THESE PRESENTS:

That I, MARIE M. VANA, a single woman of Travis County, Texas, for and in consideration of the sum of TEN DOLLARS and other valuable and sufficient cash consideration this day to me in hand paid by the Grantee, hereinafter named, the receipt of which is here acknowledged and confessed and for the payment of of which no right or lien, either express or implied, is retained, and the further consideration of the sum of FOUR HUNDRED THOUSAND AND NO/100 (\$400,000.00) DOLLARS, secured to be paid in accordance with one certain promissory purchase money note of even date herewith, executed by the Grantee herein, payable at the request of Grantor to the order of FIRST CITY NATIONAL BANK OF AUSTIN. a National Banking Association at 823 Congress Avenue, P.O. Box 1727. Austin. Texas 78767, said payee having advanced and paid to Grantor herein the face amount of said note, receipt of which is here acknowledged, payable in installments and bearing interest as therein provided, said note further providing for the acceleration of maturity and the usual attorney' fees, and being additionally secured in its payment by the lien of a Deed of Trust of even date herewith, executed by the Grantee herein to ALAN WILLIAMS, TRUSTEE:

HAVE GRANTED. SOLD and CONVEYED, and by these presents do GRANT, SELL and CONVEY unto PETER G. VESCOVO, a Macric man of Travis County, Texas, all of the following described property lying and being situated in Travis County, Texas, to-wit:

ALL OF THAT CERTAIN PARCEL OR TRACT OF LAND BEING A PORTION OF OUTLOT 11. DIVISION "Z" OF THE GOVERNMENT OUTLOTS ADJOINING THE ORIGINAL CITY OF AUSTIN, TRAVIS COUNTY, TEXAS AND BEING THAT SAME TRACT OF LAND AS CONVEYED TO J. F. STUESSY BY DEED RECORDED IN VOLUME 552, PAGE 135 OF THE DEED RECORDS OF TRAVIS COUNTY, TEXAS, SAVE AND EXCEPT THAT CERTAIN TRACT OF LAND AS RELORDED IN VOLUME 1466, PAGE 85 OF THE DEED RECORDS OF TRAVIS COUNTY, TEXAS, SAID TRACT OF LAND HEREIN DESCRIBED BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS IN EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF FOR ALL PERTINENT PURPOSES.

Grantees Address; 805 W. 5th Anstin, Tx. 78703

REAL PROPERTY RECORDS

THE STATE OF TEXAS 1 COUNTY OF TRAVIS I

This instrument was acknowledged before me on the day

of November, 1987 by MARIE M. VANA.

My commission expires

NOTARY SEAL

EXHIBIT "A"

10.118 Square Feet - O.L. 11, Division Z - "Jakes"

ALL OF THAT CERTAIN PARCEL OR TRACT OF LAND BEING A PORTION OF OUTLOT 11, DIVISION "Z" OF THE GOVERNMENT OUTLOTS ADJOINING THE ORIGINAL CITY OF AUSTIN, TRAVIS COUNTY, TEXAS AND BEING THAT SAME TRACT OF LAND AS CONVEYED TO J. F. STUESSY BY DEED RECORDED IN VOLUME 852, PAGE 135 OF THE DEED RECORDS OF TRAVIS COUNTY, TEXAS, SAVE AND EXCEPT THAT CERTAIN TRACT OF LAND AS RECORDED IN VOLUME 1466, PAGE 85 OF THE DEED RECORDS OF TRAVIS COUNTY, TEXAS, SAID TRACT OF LAND HEREIN DESCRIBED BEING HORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING at a nail set at the Southwest corner of the intersection of West 5th Street and West Avenue at the Northeast corner of the Stuessy tract for the Northeast corner and PLACE OF BEGINNING hereof:

THENCE with the West r.o.w. line of West Avenue, S 18°59' W for a distance of 93.24 feet to an iron pin set at the Southeast corner hereof:

THENCE with the South line of the herein described tract. N 71°52' W for a distance of 115.43 feet to an iron pin found at the Southwest corner hereof;

THENCE with the West line of the herein described tract. N 18°50° E for a distance of 81.93 feet to an iron pin found in the South r.o.w. line of West 5th Street at the Northwest corner hereof:

THENCE with the said r.o.w. line, S 77°27° E for a distance of 116.35 feet to the PLACE OF BIGINNING and containing 10.118 square feet of land, more or less.

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COUNTY LETT

Return t.: Peter Vecovo 805 W. 5th Ouetin, Tr. 78703

C/O Questin doyota 10501 0516 TRACT 4A

DESCRIPTION OF PROPERTY TEACT 4: 3 TEACTS 90-1205 OUTLOT 11. DIVISION Z G.F. NO. GRANTEE יטו טען׳ PAGE DATED & FILED TRACT 4A 10/896 137 433 D. P. KINNEY (X) BEYLAN H. OF THE BOARD OF WS FLIES ALONG 5TH ST. TEUSTERS OF AUSTIN CMY PUBLIC FREE SCHOOLS BOARD OF TRUSTEES OF 5 24 47 7 8 47 850 428 AUSTON PUBLIC FROM QCD WEST AVENUE & N.S.D. ST. TRACT Services City OF AUSTIN SCHOOLS = EXHIBIT= Resource 5 24 47 J.F. STEUSKY (X) WILLIE MAE 851 WS 0.383 AC TRACT 135 ≪ F PLITCLAIM 0.007 AC TRACT Research and BILL J.F. STEWSY (X) WILLE MAE 63 QUENTEN FRANKS ALL IMPROVEMENTS ONLY LOCATED ON TEACT - WD 851/135 14 CONSTRUCT ONE STORY STORE BLAG
14 24'X60' OF STONE THE & PLASTER
OVER CONCRETE FLOOR BASE 835 182 ML **'**// E.W. BENNETT CONTRACTOR 0.383 Ac \$22,000

90-1205 DESCRIPTION OF PROPERTY TRACT 4: 3 TRACTS NUTLOT 11 DIVISION Z G.F. NO. TRACT 44 57 J.F. STEUSSY lay H. LROWN RUSTEE WD 2 TRACTS (X) WILLIE MAE C.B. Smrt Resource Services, Inc. Ay H. BROWN TRUSTEE WD 85 TRACTS DEPENDABLE MOTORS, MELEASE 92164 2839 374 C.B. SMITH, Sr. SEE ATTACHED COPY Resaarch & 3 / 73 4652 800 C.B. SMr74 SR. W RUTH PETE G. VESCOVO WD 3. TRACTS (X) DOROTHY SEE ATTACHED Land

ET SEE TON

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THE STATE OF TEXAS COUNTY OF TRAVIS

KNOW ALL MEN BY THESE PRESENTS:

THIS LEASE CONTRACT made and entered into this day by and between C. E. Smith, Sr., of Austin, Travis Co.nty, Texas, herein called Lessor, and Dependable Motors, Inc., a corporation duly organized and existing by and under the laws of the State of Texas, with its principal place of business in Austin, Travis County, Texas, herein called Lessoe, WITNESSETH:

- 1. Lessor leases and demises to Lessee and Lessee rents and accepts from Lessor that portion of Outlot No. Eleven (11), Division "Z", in the City of Austin, Travis County, Texas according to the map or plat thereof on file in the General Land Office of the State of Texas, which said portion is outlined in red on the plat attached hereto, marked Exhibit A, which said plat is incorporated herein by reference as fully and to the same extent as though here set forth, word for word, said property and premises hereby leased consisting of three (3) tracts as disclosed by said plat, Tract No. 1 being owned by C. B. Smith individually, Tract No. 2 being leased from Charles Thomas and wife, Jennie Thomas, and Tract No. 3 being leased from Katherine E. Macken, et al., which plat is a survey made by James T. Watson, Licensed Surveyor of Austin, Texas, - together with all improvements thereon situated, - for the term and consideration and upon the covenants, conditions and obligations herein contained.
- 2. This lease is for a period of five (5) years, commencing May 1, 1965, and ending April 30, 1970, unless sooner terminated or extended as herein provided.
- 3. The consideration for the lease of said real estate and improvements thereon situated is the sum of One Hundred Thirteen Thousand Four Hundred Dollars (\$13,400.00), payable in installments as follows: Lessee shall pay to Lessor at Austin, Fravis County, Texas, on or before May 1, 1965, the sum of One Thousand Eight Hundred Ninety Dollars (\$1,590.00), and Lessee shall make a like

DEED RECORDS

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payment of One Thousand Eight Hundred Ninety Dollars (\$1,090.00) to Lessor at Austin, Texas, on or before the 1st day of each and every succeeding calendar month thereafter up to and including April 1, 1970.

- 4. As respects the two leased tracts of land hereinabove mentioned in Section 1 hereof, in the event the Lessee of said tracts, C. B. Smith, Sr., being the Lessor herein, shall fail or refuse to pay the rental in each of said lease agreements promptly as therein provided, or to comply with the covenants, conditions and obligations therein contained, imposed upon him which are requisite and necessary to keep said leases, and each of them, in full force and effect, then Dependable Motors, Inc., as Lessee herein, may make such payments and perform such conditions, obligations and covener to as fully and to the same extent as the said C. B. Smith, Sr., the original Lessee, is required so to do and to deduct such payments and the cost of performing such obligations, conditions and covenants from the consideration provided in this lease.
- 5. Lessee has examined the leased premises and every portion thereof and all appurtenances thereto apportaining and knows the exact nature and extent of the primises covered by this lease in their present condition. Lessee accepts the premises as suitable for which the same are leased and waives any and all defects, if any, therein, and agrees to allow for any reasonable deterioration between the date hereof and the effective date of this lease.
- 5. Lessee agrees to proture and keep in force for the joint benefit of Lessee and Lessor, wherein both are named as incureds, a Texas Standard Form of Owners, Landlords and Tenants Liability Policy with Fifty Thousand Dollars (\$50,000.00), One Hundred Thousand Dollars (100,000.00) and Five Thousand Dollars (\$5,000.00) limits, by which the insurer shall be bound to pay on behalf of the insureds all sums which they, or either of

DEED RECORDS

them, shall become obligated to pay by reason of liability imposed upon Lessor or Lessee by law for damages because of bodily injury or death to the extent of Fifty Thousand Dollars (\$50,000.00) for each person and One Hundred Thousand Dollars (\$100,000.00) for each accident, and to pay on benalf of the insureds, or either of them, all sums which they, or either of them, shall become obligated to pay by reason of any liability imposed upon them, or either of them, by law for damages because of injury to or destruction of property to the extent of Five Thousand Dollars (\$5,000.00) for each accident and to furnish Lessor appropriate certificate evidencing such insurance and payment of premium therefor.

- 7. The leased premises shall be used and occupied by Lesseefor the purpose of conducting and operating thereon an automobile sales and service business and allied husinesses such as are presently being conducted thereon by Lessee.
- E. As a part of the consideration for this lease, Lessee binds and obligates itself:
- (a) To take good care of the leased premises and to suffer no waste and to keep the premises, including plumulng, pipes, heating and cooling equipment, asphalt paving and other fixtures apportaining thereto in good repair during the lease term at Lessee's own cost and expense.
- (b) To beliver up the leased premises at the expiration of the lease term, actual or accelerated, including the fixtures, in good order and condition, natural deterioration and damage by fire and the elements only excepted.
- (t) Lessee shall have the privilege of making alterations and permanent improvements to the leased premises at Lessee's own cost and expense; provided, however, that such repair or alterations shill not weaken or impair the structural portions of the improvements situated on said leased premises and provided further that the plans for said alterations and improvements shall first be submitted to Lessor and his written

DEED RECORDS

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All permanent improvements installed at the expense of Lessee shall be and become the property of Lessor and shall remain upon and be surrendered with the premises as a part thereof at the expiration of this lease.

- (d) To pay all bills for water, light, telephones; gas and other utilities incurred by Lessee and enarged to the leased premises during the lease term promptly as the same accrue.
- compliance with the laws of the United States of America, the State of Texas, and the ordinances of the City of Austin, and all other regulations promulgated by any governmental agency haves ing jurisdiction over the use and occupancy of said premises.
- (f) To pay promptly each monthly installment of $\frac{1}{2}$ rentals as the same shall become due and payable.
- part of the premises covered hereby, without the written consents of Lessor being first obtained. In this connection Lessor covenants and agrees that he will not unreasonably withhold the approval of any such partial assignment or subletting, but in any such event, Lessee shall, nevertheless, be obligated to perform all of the terms and conditions hereof and Lessor shall never be required to look to any assignee of Lessee for the performance of any of the terms, conditions and obligations of this lease agreed ment.
- 9. Lessor shall, at his own cost and expense, keep the rook, standing walls and structural portions of the improvements situated on the leased premises in good order and condition, but lessor shall not be liable for his failure so to do unless lessee has given lessor written notice of the necessity of such repairs and lessor has had a reasonable time within which to make the same.

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10. In the event the improvements situated on the . leased premises shall be damaged by fire, or other cause covered and included among the perils and hazards contained in fire and extended coverage insurance, Lessor to the extent such insurance funds are available shall promptly rebuild and repair such improvements and restore them to the condition as they existed prior to such casualty. In the event the proceeds of such insurance policy or policies are inadequate for such purpose, Lessee shall have the option to cancel this lease as of the date: of such casualty, in which event Lessor shall refund to Lessee any unearned rental, or Lessee, if it so elects, may make such repairs as it deems necessary at its expense and Lessor agrees to pay over to Lessee all of the proceeds of any insurance money. paid to Lessor by reason if such insurance coverage. Lessee ... covenants that it will use such insurance money for such repairs and rebuilding and such money as Lessee may elect to advance so that the premises, buildings and improvements shall be free and -clear of all liens, constitutional, contractual or statutory, ... arising out of such repairs and rebuilding. Lessee shall mail lessor immediate written notice of any fire or other casualty causing damage or destruction to the improvements situated on the leased premises, or any portion thereof.

In the event the improvements situated on the leased premises are totally destroyed or are rendered substantially wholly unfit by fire, tornado or other casualty, this lease shall terminate as of the date of such casualty and Lessor shall pay to Lessee any unearned rental.

If the improvements situated upon the leased premises. are partially damaged or destroyed or rendered partially unfit. for occupancy by fire or other casualty, then lesson, to the extent proceeds of inpurance policy or policies are available for such purpose, shall repair the leased premises and in which event a just and proportionate part of the rental herein provided for,

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depending upon the extent of the damages sustained by such premises shall be abated for the period necessary to effect such repairs.

handruptcy, or if a petition in bankruptcy small be filed against it, or if Lasson small make a voluntary assignment for benefit of creditors, or if a Receiver of Lesson small be appointed, then in any suon event this lesson shall increupen and instantly economical determine

- 12. Lessor, his agents and attorneys, shall have the right to inspect the leased premises during regular business hours for the purpose of determining whether there has been a breach of the covenants and conditions herein contained and for the purpose of showing the property to any prospective purchaser.
- 13. Any nolding over by Lessee of the demised premises after the expiration of the lease term shall be conclusively deemed a mere tenancy at sufferance at a rental of Three Thousand Dollars (\$3,000.00) per month.
- 14. Failure on part of Lessee to pay any monthly installment of rentals promptly as the same shall become due and payable, or failure on its part to keep and perform the coverants and obligations, or any one of them, herein set forth and contained to be kept and performed by Lessee, shall authorize Lessor, at his option, to cancel and annul this lease and to retake possession of the leased premises without prejudice to suit for unpaid rental and damages, or to declare all rentals hereunder immediately due and payable for the entire lease term, or Lessor, through any officer, agent, or attorney of him selection, may enter upon said leased premises by force or otherwise, and take actual physical possession thereof, removing therefrom any and all property of Lessee, and any and all other persons, t gether with their property therein, storing said property in some public warehouse at Lessee's cost and expense,

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and relet the property as the agent or Lessee to any person;
firm or corporation of Lesson's selection, applying the rentals
so collected first to the cost of repossession and re-entry,
second as a credit on rentals contracted to be paid hereunder by
Lessee, and third, paying the remainder thereof, if any, to order
of Lessee; Lessee shall pay to Lessor on demand at Austin, Travis
County, Texas, any deficiency. Should legal services be employed
to collect the rentals due hereunder, or to enforce any of the
terms, conditions or obligations of this lease on behalf of
Lessor, then in any such event, Lessor shall be entitled to be
reimbursed by Lessee for reasonable attorney's fees so expended
by Lessor, and in addition, all costs of suit, if any.

perform all of the covenants and conditions herein contained, including prompt payment of rentals, to be kept and performed by lessee, then at the expiration of this lease, Lessee shall have the option of renewing this lease for an additional period of: fire (5) years, commencing May 1, 1970, and ending April 30, 1975, upon such terms and conditions as Lessor and Lessee may agree and in this connection, each party covenants and agrees to negotiate such reneval in good faith, provided, however, that in the event such terms and conditions are not agreed upon on or before January 1, 1970, then this option shall terminate and come to an end as fully and to the same extent as if it had never been entered into.

- above described, Lessee shall pay to Lessor any increase in State, County, City, Austin Independent School District, or any other advalorem taxes occurring after April 30, 1950.
- 17. Lessor shall have a lien on all the property of Lossee used or situated on the premises to secure the payment of rent to become due under this lease.
 - 15. Lessor agrees with Lessee that upon Lessee's paying

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the rental, taxes and other payments as hereinabove provided, and performing the agreements and stipulations herein contained on its part to be kept and performed, Lessee shall and may at all times during the lease term, or any extension thereof, peacefully and quietly have, hold and enjoy the leased premises without any manner of let, suit, trouble or hinderance of and from Lessor, his heirs, executors, administrators or assigns, or any other persons.

and agreement between the parties hereto relative to the subject matter hereof and all understandings, written and verbal, between the parties have been incorporated herein and this agreement shall not be altered or amended except by an instrument in writing signed by the parties hereto and this agreement shall be binding upon the parties hereto and their respective heirs, executors, administrators, successors and assigns.

Executed at Austin, Toxas, this the 10th day of September, 1954, in duplicate original.

C/SEnute S

LESSOR

DEPENDABLE MOTORS, INC.

CORPORATE SEAL

Its President

LESSEE

ATTEST:

Secretary

THE STATE OF TEXAS COUNTY OF TRAVIS

Before me, the undersigned authority, on this day

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TRACT 4B

90-1205 DESCRIPTION OF PROPERTY TRACT 4: 3 TRACTS DUTLOT 11 DIVISION Z VOLUME PAGE TRACT 4B 344 267 E.B. ROBINSON CHAS. THOMAS TEACT OUT OF OL 11 DIVZ-WEST LINE OF WEST AVENUE & KNNIR THOMAS NORTH BANK OF SHOAL CREEK SUBJECT TO PRIVILEGES GRANTED BY D.P. KINNEY IN BELLAH TO COTY OF AUSTIN IN 97/237 Services, Resource C.B. SMITH 1457 393 CHARLES THOMAS SEE ATTACHED COPY PONTETE (X) JENNIE ಳ Research 2731 391 G.W. LACEY WALTER E. ORR SEE ATTACHED COPY ATT PUBLIC Land C.B. SMITH WD TEACT OF OL 11 DIV Z 258 714 LENNIE THOMAS INDIVIBUALLY & AS Surviving Wison DP CHARLET HOMES DELENSED

COURT OF THEFT

The accompanied and occurrence ands and entered into this the 20th day of Polymery, 1974, by and between third as Thomas and wife, Jennie Thomas, of Austria. Bravis County, Temps, hereinefter referred to as Lescors or Comers, and C.S. Smith of Austin, Travia County, Dama, hereinstitut refutred to as Leases, or Options, -

That the cold Charles Thomas and wife, James Thomas, as Islands, is consideration of the covenents and agreements on the part of C. B. Smith, Lesses, to be kept and performed my the suid lesses, has and by those presents do benety deries and lease to the said locase, C. B. Smith, the presides sibrated in the City of Austin, Travis County, Dane, and described as follows:

> All that certain tract or parcel of land lying and being situated in the City of Americ, Travis County, Toxas, and more particularly . described to follows: Deing a part of Ortlot So. 11, Division "" and also a part of what was laid off on the relativel plac of the City of Austin, Tomas, as West Avenue, and beginning et a ctabs in the West line of West Arecam as now established and recognized at the intersection of said line with the Borth Beak of Street Creek. There Bortherly with the wait West line 127 feet to the S.E. outper of that omitain tract of land sold and conveyed by D. F. Einney and wife Reulah Kinney to the Board of Trustees of the Austin City Poblic Schools by deed dated the 17th day of June A.D. 1896. Themee with the south line of said school tract westerly 203 feet to its S.W. occuper at a stake in the East line of that certain one acre tract sold and conveyed by D.P. Kimmey to F. B. Forster by deed dated 30th day of March 1883, thence with the said Rast line Southerly to Shoel Greek, thence down Shoel Great with its moundars to the place of heciming; Ingether with all improvements thereon situated.

for a term of years commencing January 15,1955 and to continue for and during the natural lives of the lessors and until 60 days after the date of death of both Charles Thomas and Jennie Thomas.

II.

And the lessee, C. B. Smith, in consideration of said desise and lesse covenants and agrees with the lessons as follows:

(a) To pay as rent for said descised premises the sum of \$125.00 per month during the entire term of said issue, said remtal to be payable marally in advance with the first runtal payment to be due and payeble on or before Jemany 14,1955, and a like payment of \$125.00 to be payable on or before the 15th day of each month thereafter while this lease is in force. Said rental payments to be paid to lessort or the survivor of them in Austin, Travia County, Terms.

(Per 1)

this less account to My profits to the last profit of the first and second to
It is supposed provided and agreed influence the parties between the protects of leading above the hereing given the right to reserve shy and all existing departments on the short above above described property without limitality to leading and facility, but leading the leaders, been leaders on the protects of improvements as as my desire on the precises leaded hereby shill this leads is in furne, and to remove will improve the precises leaded hereby shill this leads is in furne, and to remove will improve the hereinstein on this leads. Our it improves, that if leades dress exact improvements on said precises and thereafter desires to remove said improvements, whether during the term of this leade or at the termination thereof, same shall be removed without injury to the precises and leaders shall full up all holes and remove the debries. In the event of termination of this leade for any cause and leaders to remove any improvements exected thereon leaders shall within sirty days of the termination of this leader remove said improvements, all as set out above, and upon failure so to do said improvements shall become the property of leaders, their being and assigns.

IT.

It is further stipulated that the precises hereby lessed shall not be used during this losses term for the purpose of woolesals or retail sale of liquor or beer, or for any immoral or unlawful purpose and that lesses will comply with foll of the requisitions of the City of Austin with respect to sanitation, safety and soning.

₹.

It is further specially provided that this lease may be assigned or that the presides or a part thereof may be sublet by leases, conditioned that leases shall remain personally liable to lessors for the rents aforestic and that no provision of this lease agreements violated, and that said presides shall not be sublet or assigned to any liquor or beer distributor.

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It is expressly agreed between the parties herrin, that if default be made in the payment of the rent above reserved, or any part thereof, or in any of the covenants and agreements herein contained, to be kept by the lesses, and lessee fails to cure said default after ten days written notice, lessons shall have the right at their election or option to declare this lesses is mainted and to represent the president. It is expressly stipulated and provided, however, that lessons shall have the right, in case of such default and failure to cure sees after van days written notice, to treat this lesses as continuing and to represents said presides and rent sees for the use and benefit of lesses holding lesses rights for all rents or deficiencies in rest sourcing enting the lifetime of lessons, and each of them. Lesses further covenants and agrees, that lesson shall have a waits (Pays 2)

first lies upon all property of Locate station stated by less to the for the property of the p

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Inches, so further excellenation for the rents alway provided to be paid by the leasers and the coverence and agreements to be performed by leaser, and the admitishment consideration of \$10.00 cash herestit paid to owners, the receipt of which is hereby actually and confessed, do nearby give and grant to besser, the receipt of which is hereby option to purchase the above described real property for the son of \$21,000.00 upon the death of Charles Thomas and krs. Jamis Thomas, conditioned that said option to purchase be conversed during the partial of rivry (60) days following the death of the last surviving leason and prior to the period fixed herein for termination of this lease, notice of the converse of such option to be served by leaser on the legal representative of the last survivor of leasons, or if no legal representative of the last survivor of leasons, or if no legal representative and the last survivor of leasons, or if no legal representative series and being the deviace of such survivor. The legal representatives or being of Charles Thomas and Jamis Thomas shall upon tender of said survivors of said

VIII.

Charles Thomas and vife, Jemis Thomas, coverant to and with the said.

C. B. Smith that they own the above described real property in fee simple; that
sense constitutes no part of their homostead, either business or residence, and that
the homestead to which they are emittled under the Laws of the State of Texas is
located at 1603 West Sirth Street in the city of Austin, Travis County, Texas, on
which there is situated a dwelling house and where they now live and reside; that
the above described real property hereby lessed and made the subject of the option
contained herein is now being remised by them with losses to expire Jemmary 1, 1955 /
and that they have no present intention to ever occupy and use said property either
as a residence or business homestead.

II.

It is further provided and agreed between the purties hereto that in case the whole or any part of the presides covered by this lesse agreement shall be taken by the city, or state, or other public surhority, for any public use, or if there should be a failure of title with respect to the whole or any part of said presides, this agreement shall, at the option of lesses, become null and work and the lesses there shall terminate.

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The farther provided that Terms Silar, year series dealer and again he Travis County, Terms, shall be principled the property of each option to purchase is emercised by leaves and that in the sweet said option to purchase is associated the said Verm Filay shall be entitled to I counts also of 75, or \$1,000.00, and at a real setuin sensitive and leaves of theretae and Jennis Thomas at the time the legal representative and leaves of Charles Thread and Jennis Thomas at the time

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as C. B. Swith may not have actual notice of the dates of donth of Charles Thomas and wife Jermis Thomas, or of the date of death of the survivor of them, that the beirs and legal representatives of Charles Thomas and Jermis Thomas shall notify by Registered Mail the said C. B. Smith, of the dates of death of Charles Thomas and wife, Jermis Thomas, and that this lease may continue, at the option of the said C. B. Smith, until 60 days after the date of such written notice of death and that the said C. B. Smith is smith about the smith to exercise his option to purchase said property as hereinslows provided at any time within 60 days after he receives written notice from the legal representatives or heirs of Charles Thomas and Jermis Thomas of their feaths, anything to the contrary in this agreement motorithetarning.

III.

This agreement shall imure to the benefit of and shall be binding on the personal representatives, heirs and assigns of all parties to this agreement.

WITHESS OIL EARDS to triplicate copies this the 25th day of February, 1954.

Clara Mancas

france Dome

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STATE OF STATE

CHARGE 18, the undersigned authority, on this day personally appeared.

CHARGE TEXTED and wife, AMERIC TEXTED, known to me to be the personal above means.

Are exhacited to the foregoing instrument, and a mortalized to me that they

executed the same for the purposes and consideration therein expressed; and the
sent JERNIC TEXTED, wife of the said Charles Texted, having been exacted by me

from thy end appart from her husband, and after having the same fully explained to

Jer, she, the said IPRES TEXTED, acknowledged such instrument to be beset and

lead, and she declared that she had villingly signed the same for the purposes and

benefiteration therein expressed, and that she did not wish to retract it.

I SIVE HORE HE EATS AND SEAL OF STYLE these by Jay of Resourt, 1954.

Booker Audie in and for fravis County

STATE OF TEXAS.

COURTS OF TRAVES.

EFFORT ME, the undersigned authority, on this day personally appeared

C. B. BOTE, known to me to be the person whose none is subscribed to the foregoing

instrument, and admivished to me that he executed the same for the purposes and

GIVEN LEDER MY BLID AND STAL OF OFFICE this _____ day of Principle, 1954

Boyers hubic in and for favia County,

Filed for Record May 13,1954, at 3:15 P.M. Recorded May 17,1954, at 9:15 A.M.

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THE STATE OF TEXAS

COUNTY OF TRAVIS

appeared GNLaccy and WALTER E. CRR known to me to be credible persons not incapacitated in any manner to make the statements hereinafter contained, who each, after being by me duly sworn, deposes and says:

"I was personally well acquainted with Charles Thomas, br., and Janet Ross Thomas during their liketime. Charles Thomas, Sr., died on the <u>21</u> day of <u>Jane</u>, 19**6 M**, leaving as surviving heirs, his wife, Janet Ross Thomas, and one son, Charles Thomas, Jr., who at the time of death was over twenty-one (II) years of age; that the said Charles Thomas, Sr., and Janet Ross Thomas were duly married and living together at the time of his death; that they were married only once and then to each other; and that no other child or children was born to them as issue of such marriage; that the said Charles Thomas, or., did not have a will probated, nor was there any necessity therefor; that all community debts were paid; that all of the said property of the said Charles Thomas, or., and Janet Ross Thomas was community property, and due to the nature of the estate there was no inheritance taxes due on same. The said Charles Thomas, Sr., and Janet Ross Thomas, lived a great many years in Travia County, Texas. ...

Billicey.

Subscribed and sworn to before me, by the said G. W. Lacey
and Walter E. Or , on this 13th day of lanuary

A.D., 1964.

Notary Public, Travis County, Texas.

THE STATE OF TEXAS COUNTY OF TRAVIS

BEFORE ME, the undersigned authority, on this day personally appeared G. W. Lacev and Welter E. Orr , known to be to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to be that they executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HANDAND SEAL OF OFFICE this 10th day of January A.D., 1964.

MOTARY SEAL

Notary Public in and for Travis County, Texas.

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90-1205 DESCRIPTION OF PROPERTY TRACT 4: 3 TRACTS OL 11 DIV Z DATED & FILED VOLUME PAGE TRACT 4B 4631 590 W.H. DAVIS PUBLIC ATTACHED COPY 463/593 CHARLES THOMAS, JR. PUBLIC SAME INFORMATION AS ABOVE Services, Inc. PEZ 42573 WD 5473 4631 588 CHARLES THOMAS, JR. C.B. SMITH, SA. TEACT OF OL 11 DIV 7 Resource $W > \frac{3}{3} \frac{1}{8} \frac{73}{3}$ 4657800 C.B. SMITH SR. PETE G. VESCOVO 3 TRACTS K) DOROTHY SEE ATTACKED COPY ಠ Land Research 12 10 80 PETE G. VESCOVO

(X) DOROTHY WO CITY OF AUSTIN 4,421 SQ. FT. = EXHIBIT= SEE ATTACHED COPY

MY -4-7385- 3535 • 3.50

THE STATE OF TEXAS

COUNTY OF TRAVIS

AFFIDAVIT OF HEIRSHIP

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CHARLES THOMAS, SR.

BEFORE ME, the undersigned authority, on this day personally appeared Mrs. W. H. Davis, of Austin, Texas, who is known to me to be a credible person, and being duly sworn, stated on her oath as follows:

I.

I was well and personally acquainted with Charles Thomas, Sr. I have personal knowledge of his marital history, heirship and condition of his estate at the time of his death.

Charles Thomas, Sr. was born in Tennessee on January 29, 1870 and died in Austin, Travis County, Texas, on June 21, 1958.

III.

Charles Thomas, Sr. was married once and once only during his lifetime, such marriage being to Jennie Ross Thomas, and such marriage having been terminated by the death of Charles Thomas, Sr. on June 21, 1958.

IV.

There were no other children born to or adopted by either Charles Thomas, Sr. or Jennie Ross Thomas during their lifetime other than Charles Thomas, Jr.

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No will of Charles Thomas, Sr. was ever admitted to probate for the reason that there were no debts owed by his estate and there was no necessity for the administration of his estate.

VI.

The only heirs of Charles Thomas, Sr. at the time of his death were his surviving widow, Jennie Ross Thomas and Charles Thomas, Jr., the only child of Charles Thomas, Sr., and no other party had any interest in the Estate of Charles Thomas, Sr. at the time of his death.

vII.

There are no federal estate taxes or state inheritance taxes due on the estate of Charles Thomas, Sr. for the reason that the size of the respective estate and the interests inherited at the time of the death of Charles Thomas, Sr. were less than the amounts which would have required the payment of such taxes.

Mrs. W. H. Davis

Subscribed and Aworn to before me by Mrs. W. H. Davis on this [1,1] day of Arril, 1973.

No_{TARY} SEAL

Notary Public in and for Travis County, Texas

THE STATE OF TEXAS . I

COUNTY OF TRAVIS

BEFORE ME, the undersigned authority, on this day personally appeared MRS. W. H. DAVIS, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she executed the same for the purposes and consideration therein expressed.

M... GIVEN UNDER MY HAND AND SEAL OF OFFICE, this day of April, 1973.

NOTARY SEAL

Notary Public in and for Travis County, Texas

STATE OF TOLAS

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KNOW ALL MEN BY THESE PRESENTS

COUNTY OF TRAVES

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Linking . . shinking

That WE, C. B. SMITH, SR. and wife, RUTH SMITH, for the consideration hereinafter stated, paid and to be paid by PETE G. VESCOVO, and wife, DOROTHY VESCOVO the receipt of which is hereby acknowledged and for which no lien other than herein provided is retained or shall exist, have GRANTED, SOLD and CONVEYED, and by these presents do GRANT, SELL, and CONVEY unto the said PETE G. VESCOVO, and wife, DOROTHY VESCOVO, all those certain tracts or parcels of land situated in the City of Austin, Travis County, Texas, and described as follows, to-wit:

FIRST TRACT: A part of Outlot No. 11, in Division "Z" in the City of Austin. Travis County. Texas, fully described by metes and bounds as follows, to-wit: Beginning at a point in the South line of West Fifth Street and in an old fence line North 77° 28' West 201.45 feet from the intersection of the South line of said West Fifth Street and the West line of West Avenue; thence along the old fence line South 19° 23' West 72,52 feet to a point for corner; thence South 71° East 85.45 feet to an iron stake for corner; thence North 18° 43' East 62,12 feet to an iron stake for corner in the South line of West Fifth Street; thence along the South line of West Fifth Street North 77°28' West 85.1 feet to the place of beginning;

SECOND TRACT: 'A part of Outlot No. 11, in Division "Z" in the City of Austin. Travis County. Texas, fully described by metes and bounds as follows, to-wit: Beginning at a point in the South line of West Fifth Street and in an old fence line North 77° 28' West 201.45 feet from the intersection of the South line of said West Fifth Street and the West line of West Avenue; thence along the South line of said West Fifth Street North 77° 28' West 2.8 feet to a point for corner; thence South 19° West 72.21 feet to an iron stake for corner; thence South 71° East 2.3 feet to a point for corner in an old fence line; thence along the old fence line North 19° 23' East 72.52 feet to the place of beginning; - together with all improvements thereon situated and being the same property conveyed by Jay H. Brown, Trustee to C. B. Smith by deed dated June 7, 1954, recorded in Vol. 1466, at page 85, et seq., of the Deed Records of Travis County, Texas, to which said deed and its record reference is here made for all pertinent purposes;

THIRD TRACT: Being a part of Outlot No. 11. Division "Z" and also a part of what was laid off on the original plat of the City of Austin, Texas, as West Avenue, and beginning at a stake in the West line of West Avenue as now established and recognized at the intersection of said line with the North Bank of Shoal Creek. Thence Northerly with the said West line 125 feet to the S. E. corner of that certain tract of land sold and conveyed by D. P. Kinney and wife Beulah Kinney to the Board of Trustees of the Austin City Public Schools by deed dated the 17th day of June A. D. 1896. Thence with the south line of said school tract westerly 203 feet to its S. W. corner at a stake in the East line of that certain one acre tract sold and conveyed by D. P. Kinney to F. B. Forster by deed dated 30th day of March 1883, thence with the said East line Southerly to Shoal Creek, thence down Shoal Creek with its meanders to the place of beginning; Together with all improvements thereon situated.

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all and singular the rights and appurtemences thereto in anywise belonging:
unto the said PETE G. VESCOVO, and wife, DOROTHY VESCOVO, their beings
and assigns forever; and we do hereby bind ourselves, our beins and assigns to the said PETE G. VESCOVO, and wife, DOROTHY VESCOVO, their beins was the said PETE G. VESCOVO, and wife, DOROTHY VESCOVO, their beins and assigns, against every person whomsoever lawfully claiming or to claim the same, or any part thereof. This conveyance is made subject to all easements and restrictions of record,

THE CONSIDERATION for the above conveyance is as follows:

- 1. The sum of TEN AND NO/100 DOLLARS (\$10.00) cash, and other good and sufficient cash consideration to us in hand paid by Grantee, the receipt of which is hereby acknowledged and confessed; and
- 2. The execution and delivery by PETE G. VESCOVO, and wife, DOROTHY VESCOVO, of their one certain vendor's lien note of even date herewith for the principal sum of One Hundred Ninety Five Thousand and No/100 Dollars (\$195.000.00), payable to the order of C. B. Smith, Sr. at Austin, Travis County, Texas, and bearing interest from March 1, 1973, the date hereof, until July 1, 1974 at the Tate of Eight Per Cent (8%) per annum, and beginning July 1, 1974 the interest on said note shall be at the rate of two (4) points over the prime rate in effect at the Chase Manhatten Bank of New York, New York, and the interest shall be adjusted at the end of each two (2) years to the prime rate in effect at the Chase Manhatten Bank of New York, New York until said note is fully paid, however, in no event shall the interest on the principal balance, beginning July 1, 1974 until the full payment of said note shill be less than Seven Per Cent (7%) per annum. Said note being payable in equal monthly installments of Five Thousand and No/100 Dollars (\$5,000,00). beginning April 1, 1973, up to and including June 1, 1974, and on July 1, 1974 the sum of Two Thousand Seven Hundred Forty Four and No/100 Dollars. (\$2,744.00) and beginning August 1, 1974 said note being payable in monthly

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per month. All payments to be applied first to accrued interest them. to principal until said note is paid in full; said note being secured by a wendor's and deed of trust lien on the above described property, and upon the payment. It is said note both principal and interest, the title to said property shall become absolute.

WITNESS MY HAND this March I. A. D. 1973.

C. B. Smith Se

Rath Smith

THE STATE OF TEXAS

COUNTY OF TRAVES

BEFORE ME, the undersigned authority, on this day personally appeared.

C. B. SMITH, SR., known to me to be the person whose name is subscribed, to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, on this the // 2

NOTARY SEAL

Notary Public, Travia Cpunty, Texas

THE STATE OF TEXAS

COUNTY OF TRAVES

BEFORE ME, the undersigned authority, on this day personally appeared. RUTH SMITH, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, on this the 10 day of May, A. D. 1973.

NOTARY SEAL

Notary Public, Travia County, Texas

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2-54-1811 7.60

RYCH ALL MEN BY THESE PRESENTS:

COUNTY OF TRAVES

That we, PETE G. VESCONO ET UK, DOPOTRY VESCONO, of Travia County, State of Texas, hereinafter referred to as Grantors, whether one or more, for and in consideration of the sum of TEN DOLLARS (\$10.00) and other good and valuable consideration, to Grantors in hand paid by the City of Austin, Texas, the receipt and sufficiency of which is bereby activatedged and confessed, and for which no lies, expressed or implied, is retained, have this day Granted. Sold and Conveyed, and by these presents do hereby Grant, Sell and Convey, unto the said City of Austin, a sumicipal comporation situated in Travia County, Texa; the following described property, to-vit:

All that certain tract, piece or parcel of land, lyling and builty situated in the County of Travis. State of Texas, described in EXELECT "A" attached hereto and made a part hereof for all purposes, to which reference is here made for a more particular - -- description of said property.

TO RAYE AND TO HOLD the above-described presises, together with all and singular the rights and appurtaments thereto in anywise belonging unto the said City of Austin, its successors and assigns forever; and Grantors, whether one or sore, do hereby bind ourselves, our hairs, executors, successors and assigns to warrant and forever defend all and singular the said provides unno the said City of Austin, its successors and essions, equinat every person who soever levially claiming on to claim the sum or any part thereof.

on this 1/1 day of 1/2 realises have exceed this instrupent to be executed

アンジントロンシャンジ

THE FIRE OF TEXAS

COUNT OF THAVES

WON ALL HON BY THISSE PRESENTS:

BOTHER ME, the undersigned, a Notary Fublic in and for said County and State, on this day personally appeared furt C. WINCHO and wife, furnitive VESCIVO, known to me to be the persons whose names are subscribed to the foregoing instrument, and admovidaged to me that they emerated the same for the purposes and assembliantian therein sepasses.

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December 1920.

Horaty politi in and for Travia County, Texas

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7365 451

DEED RECORDS Tuesda Canada, Tuesda

HOTHRY SEAL

EXHIBIT "A"

Pete G. Yesoovo, et ux
Dorothy Yesoovo
to
The City of Austin
(Rike and bike trail and
park purposes)
(Shoal Creek Park)

FIELD NOTES

FIELD WOTES FOR A, A21 SQUARE FEET OF LAND,
SAME BEING OUT OF AND A PART OF TRAT CERTAIN
TRACT OF LAND OUT OF OUTLOT 11, DIFFRIOR Z,
OF THE GOVERNMENT OUTLOTS ADJOINING THE ORIGINAL
CITY OF AUSTIN, TRAVIS COUNTY, TEXAS, ACCORDING
TO A MAP OR PLAT OF SAID COVERNMENT OUTLOTS
ON FILE IN THE GENERAL LAND OPPICE OF THE STATE
OF TEXAS, WHICH CERTAIN TRACT OF LAND WAS CONVEYED
TO PETE G. VESCOVO, ET UI, BI THE FOLLOWING
TWO (2) WARRANTY DEEDS:

- (1) DATED MARCH 1, 1973, OF RECORD IN VOLUME 4657 11, PAGE 800 OF THE DEED RECORDS OF TRAVIS COUNTY, TEXAS;
- (1) DATED September 5, 1980 . OF RECORD IN VOLUME 7097 AT FAGE 22 OF THE DEED **STORES OF TRANS TOURTS, TEXAS;

SAID 4,421 SQUARE FEET OF LAND BEING MORE PARTICULARLY DESCRIBED BY METER AND BOIRDS AS FOLLOWS:

AFGINNING at the most easterly denner of the mercin described tract of land, same being a point in the sonth line of said Vescovo tract of land, which line is the morth bank of Dhall Greek, and flor which point of Deginning the intersection of the south line of west jth Street with the yest line of West Avenue bears N 65° 12 NO° E 17.04 feet and N 19° 00° 3° E 218.88 feet;

THENCE, with said south line of the Vescovo tract of land, same being said north bank of Shoal Greek and its meanderings; in a westerly direction with the following two (2) courses.

(1) S 85° 12° 00° W 209.65 feet to a point;

(2) H 7:0 5:1 29 W 10.00 feet to the southwest corner of said Vescovo tract of land, seet being the southeast corner of that certain breat of land conveyed to Joe Macket by marranty deed dated Hards 10, 1935, of record in Volume 517 at Page 219 of the Deed Records of Travis County, Texas, for the southwest corner of the berein described tract of land;

THEMCE, with the west line of said Vesorvo tract of land, same being the east line of said Macken tract of land, H 19° CO' 00° E 25.73 feet to the porthwest corner of the berein described tract of land;

6 071 A 76·35' 176-00 <u>09</u> <u>/3</u> 18 18 7591/878 TRACT 1 .36 A TRACT 2 STREET TRACT 3 <u>02</u> .01 TRACT 6 TRACT 7 <u>08</u> TRACT 4B <u>04</u> CHEEK SHOAL <u>05</u> AIGINAL

> PLAT MAP CITY OF AUSTIN





City of Austin

Founded by Congress, Republic of Texas, 1839 Municipal Building, Eighth at Colorado, P.O. Box 1088, Austin, Texas 78767 Telephone 512/499-20

September 28, 1990

Environmental Engineering Services, Inc. 12655 N. Central Expressway, #306 Dallas, Texas 75243

RECEIVED OCT D 4 1290

Attention: Ms. Angela Neville

RE: Environmental Assessment for 805 W. 5th St.

Dear Ms. Neville:

The following businesses located within approximately one-half mile of 805 W. 5th St. have Hazardous Materials Permits:

600 W. 1st St. COA-Green Water Treatment Plant 800 W. 1st St. COA-Seaholm Power Plant 500 W. 5th St. Covert Forrester Body Shop 501 W. 5th St. Covert Buick, Inc. 1315 W. 5th St. AISD-Criswell Terminal Miller Blueprint Co., Inc. 501 W. 5th St. Miller Blueprint Co., Inc. 510 W. 5th St. 604 W. 6th St. C Van R Automotive Service 704 W. 6th St. Austin Printing and Mailing Burks Reprographics 716 W. 6th St. McMorris Downtown Ford, Inc. 808 W. 6th St. 841 W. 6th St. Austin Toyota Body Shop 1009 W. 6th St. Restoration Shop at Treaty Oak 1214 W. 6th St. McMorris Downtown Ford, Inc. 1118 W. 7th St. Hines Pool & Spa COA-Central Stores #1 300 W. Ave. COA-Service Center 12 300 W. Ave. COA-Electric Utility 301 W. Ave. PSP Professional Corp. 606 West Ave. 311 Bowie St. Safe Way Rental Equipment Co. 300 N. Lamar Blvd. Goodwill Industries of Austin Ben'z Workshop, Inc. 316 N. Lamar Blvd. Capitol Chevrolet 501 N. Lamar Blvd. 707 N. Lamar Blvd. David L. Schade, D.D.S. 908 N. Lamar Blvd. Strait Music Company 915 N. Lamar Blvd. Back-In-A-Flash, Inc. Tips Iron & Steel Co. 300 Baylor St.

To my knowledge, none of these permitees has had a release of hazardous chemicals affecting 805 W. 5th St.

The Hazardous Materials Section only permits for aboveground storage. For information regarding underground tanks contact Mr. Schuyler Schwarting of the Environmental and Conservation Services Department at (512) 499 2715.

Should you require additional information, please feel free to contact me at (512) 443-0976.

Sincerely,

But Joy Dani

Brett Jay Davis
Acting Administrator
Austin Fire Department
Hazardous Materials Section
517 S. Pleasant Valley Rd.
Austin, Texas 78741

BJD/ds



ENVIRONMENTAL ENGINEERING BERVICES INC.

DALLAS 12655 N. Centrel Expwy. *306 Delias, Tx 75243 214-239-0773
DETROIT 42201 Ann Arbor Pd. Phymouth, Mt 48170 313-459-6180

September 19, 1990

Mr. Gerald Murphy City of Austin Utility Customer Service P.O. Box 2267 Austin, Texas 78783-2267

> Re: Austin Toyota Dealership 805 West Fifth Street Austin, Travis County, Texas

Dear Mr. Murphy:

Our company is conducting an environmental site assessment on the property referenced above. Part of our research includes determining whether transformers serving the site or located nearby might contain PCB fluids.

A visual inspection of the property shows one pole transformer located on the property. The number on the transformer is 75. I would like to know if this transformer contains any PCB fluids. Please check your records and let me know if there are any other transformers which might affect the subject property as described above and their status.

I appreciate your cooperation in this matter. Please call if you have any questions, as I have a short deadline on this project.

Sincerely,

Angela Neville

Environmental Assessments

Angele Neulle



ENVIRONMENTAL ENGINEERING BERVICES INC.

DALLAS 12655 N. Centrel Expwy. 306 Deles, Tx 75243 214-239-0773 DETROIT 42201 Ann Arbor Rd. Phymouth, Mi 48170 313-459-6180

September 21, 1990

J. J. Rochel
Land Research and Resource Services, Inc.
P.O. Box 5127
Austin, Texas 78763

Re: 50-Year Chain of Title, Peter Vescobo Site, 1COMO1.

Dear Ms. Rochel:

Environmental Engineering Services, Inc. (EES) would like Land Research and Resource Services, Inc. to prepare a 50-year chain of title on the enclosed property as per our telephone conversation of September 20, 1990. The 50-year chain of title will include all instruments in which the property changes ownership, the type of instrument, grantor, grantee, date, volume, page, and any comments the abstractor deems important. Also listed should be all easements and restrictions that affect the site. Any other information encountered that gives a clue to the history of the site usage would be appreciated.

I understand your current fees are (b) (4) per research tract or (b) (4) per day, plus expenses. The site in question was bought as four tracts. Please provide EES with the most cost-effective billing.

If you have any questions, please contact me at 214-239-0773.

Sincerely,

Allene G. McIntosh

September 27,1990

Mr. David Shaw
Environmental and Conservation Services Department
P.O. Box 1088
Austin, Texas 78767

Re: Austin Toyota 805 West Fifth Street Austin, Texas 78703

Dear Mr. Shaw,

My company, Environmental Engineering Services, Inc., is compiling an assessment of the above referenced property. We would greatly appreciate if you could send us a reply to the following questions concerning this property.

- 1. Has the property, or any adjacent property, ever had a problem with ground, surface, or drinking water contamination and if so when did this occur?
- 2. Has the property, or any adjacent property, ever had a problem with toxic or hazardous waste spills; leaks from above or underground storage tanks; illegal dumping of wastes; emission of toxic substances into the air; or raw sewage? If so when and how did this(ese) occurrences happen?

Thank you for your time spent. Please send a reply to the following address: Environmental Engineering Services Inc., 12655 N. Central Expressway Suite 306, Dallas, Texas 75243. If you prefer to fax the reply our fax number is 214-239-0779. If you need to reach me by phone for any questions please call me at 214-239-0773. Thank you again for your reply.

Sincerely,

Karl J. Schul

DATE: 9-13-90 TYPE: In Person

PARTY CONTACTED: Steve Wilson

Austin Toyota General Manager

EES REPRESENTATIVE: Angela Neville

SUBJECT:

The site.

SUMMARY OF COMMUNICATION:

Mr. Wilson stated the dealership stores waste oil in a shed to the right of the main building. He didn't know how the waste oil is handled. He guessed that waste fluids go into the city waste streams.

He also stated that used batteries are not permanently stored at the dealership. They are picked up once a week.

Mr. Wilson said Austin Toyota has been in business approximately 20 years. There have been no chemical spills of which he is aware.

DATE: 9-26-90 TYPE: PHONE

PARTY CONTACTED: Tim Pawell

City of Austin Health Dept.

EES REPRESENTATIVE: Angela Neville

SUBJECT:

Spills or contamination at or near the site.

SUMMARY OF COMMUNICATION:

On February 25, 1987 an inspector from the City of Austin Health Department observed a small amount of waste oil on the surface of the water in Shoal Creek next to the site. The waste oil covered an area twelve feet by twenty feet. The inspector estimated the quantity of oil was approximately one quart. After examining the spill, the inspector concluded the oil spill resulted from an underground discharge, possibly a leak from an old septic system line.

DATE: 9-14-90 TYPE: In Person

PARTY CONTACTED: Renee Smith

City of Austin

Building Permit Department

(512)-499-2389

EES REPRESENTATIVE: Angela Neville

SUBJECT:

Remodeling permits.

SUMMARY OF COMMUNICATION:

The owner of the Austin Toyota dealership applied for an office and showroom permit for remodeling purposes; however, the permit was never issued. She stated that her department's computer records only go back to 1982.

DATE: 9-18-90 TYPE: By Telephone

(512)478-5676

PARTY CONTACTED: John Kern

Service Manager

Austin Toyota Dealership

EES REPRESENTATIVE: Angela Neville

SUBJECT:

The site.

SUMMARY OF COMMUNICATION:

Mr. Kern stated the sump pumps are clean-out pits and have never been used for waste oil. These sumps are cleaned out twice a month by a commercial service. They are mainly filled with mud, paper labels, and residue from car cleaning solvent. Mr. Kern did not know if the inactive sumps were emptied before they were put out of use.

To the best of his knowledge, the eight underground storage tanks (USTs) listed with the Texas Water Commission are still in place. Three of these USTs are still being used to contain regular hoist oil. These USTs are air-operated and have oil reservoirs.

Mr. Kern said the two aboveground storage tanks are on concrete. He stated Austin Toyota has been using Safety-Kleen for the last five and one-half years. Prio to this, they bought their own solvent. The Safety-Kleen company picks up the dirty degreaser from the dealership and recycles it. The aboveground storage tank on the west side of Building C is used to store waste oil and used antifreeze. This used oil is hauled off approximately every two weeks.

Mr. Kern also stated he had heard that during the flood of 1982 an underground storage tank, which had been used for gasoline storage, washed down Shoal Creek. Mr. Kern was not aware if this tank contained gasoline when it migrated down the creek.

Mr. Kern stated the buildings on the site were constructed at a least twenty years ago. He also stated the asphalt pavement on the site is also at least twenty years old.

Report 238

GROUND-WATER AVAILABILITY IN TEXAS

Estimates and Projections Through 2030



TEXAS DEPARTMENT OF WATER RESOURCES

September 1979

amounts of ground water enter the aquifer as lateral underflow from the Glen Rose Formation.

Water entering the Edwards aquifer generally moves toward natural discharge points which may or may not be in the river basin where the natural recharge occurs. These natural discharge points include Leona Springs near Uvalde, San Antonio and San Pedro Springs in San Antonio, Comal Springs in New Braunfels, San Marcos Springs in San Marcos, Barton Springs in Austin, Salado Springs in Salado, and numerous other smaller springs. Additionally, water is artifically discharged from the aquifer by hundreds of pumping wells. Much of the water that enters the aquifer as natural recharge in the Nueces River basin is actually withdrawn from the aquifer in the San Antonio River basin, and this portion is shown as effective recharge in the San Antonio River basin in Appendix A. Therefore, some of the aquifer's total effective recharge is shown in Appendix A in the river basin where the natural recharge occurred, and some in the river basin where it is developed.

Ground water withdrawn from the aquifer is generally fresh and is used for public supply, irrigation, industrial, domestic, and livestock watering purposes. Municipalities which rely on the aquifer for their water supply include San Antonio, Uvalde, Knippa, Sabinal, D'Hanis, Hondo, Castroville, La Coste, New Braunfels, San Marcos, Brackettville, Kyle, Georgetown, Round Rock, Jarrell, and numerous smaller communities.

Ground water moves rapidly through the Edwards aquifer. The volume of water in storage as well as the rate of spring flow may change rapidly in response to precipitation. For example, the depletion of water in storage caused by heavy pumpage during the drought years, 1948 through 1956, was almost completely restored during the wet years, 1957 and 1958.

Guadalupe, San Antonio, and Nueces River Basins

In 1971, as part of the regional study of the Guadalupe, San Antonio, and upper Nueces River basins, a comprehensive investigation of the Edwards (Balcones Fault Zone) aquifer was initiated. One of the principal objectives of the study was to obtain reliable hydrologic data and to develop and calibrate analytical techniques for use in the formulation of a total water resources development and management program for the Guadalupe, San Antonio, and upper Nueces River basins.

The technique developed to evaluate the aquifer was a computerized mathematical representation, or digital computer model, of the Edwards aquifer (Klemt

and others, 1979). The purpose of the model was to simulate the response of water levels in the aquifer to pumpage and recharge for any given time period. Information derived from the model simulation included the areal distribution of water levels in the aquifer and flows from the major spring systems at any given time,

Prior to application of the computer model as a planning tool, it was calibrated. This meant that the parameters used in the model were estimated initially and then adjusted in order to accurately reproduce the aquifer's historical behavior. Measured spring flow, pumpage, recharge, and water levels during the period 1947-71 were utilized to calibrate the model. For each year of this period, pumpage and recharge values were assigned to the model at points where pumpage or recharge was observed to have occurred and for which data were available. The areal distribution of pumpage and recharge was based on field work conducted by personnel of the Department and the U.S. Geological Survey.

The distribution of simulation errors (difference between simulated water levels and measured water levels) was used as one indicator of the reliability of the model. The mean error in simulating January 1972 water levels throughout the aquifer (after simulating the aquifer for the period 1947-71) was 0.68 foot (0.21 m).

A comparison of simulated and measured spring flows was also used as an indicator of the reliability of the model. At the end of the simulation period, the difference between the cumulative simulated spring flow and the cumulative measured spring flow was small (4.3 percent of the total spring flow). For the last year, simulated and measured flows of Comal Springs were 160,000 (197 hm³) and 159,200 acre-feet (196 hm³), respectively. The difference amounted to less than 0.5 percent. This digital computer model of the Edwards (Balcones Fault Zone) aquifer was therefore considered to be calibrated to a degree of accuracy sufficient to . reproduce past events. Consequently, it is felt that the , model can be used to accurately predict future responses a of the aquifer to specified conditions of recharge and pumpage.

The model was used to determine an average annual ground-water availability of the aquifer, defined as the rate of pumpage from the aquifer which would allow San Marcos Springs to continue flowing at an acceptable minimum annual rate of 34,000 acre-feet (41.9 hm³) during a recurrence of the 1925-70 recharge sequence and which theoretically would prevent conditions conducive to the encroachment of saline water into the aquifer. Pumpage rates used in these simulations are presented in later paragraphs. No

Sulphur, Cypress, Sabine, and Neches River Basins

.

Approximately 213,000 acre-feet (263 hm³) of ground water per year as annual effective recharge is available for development from the Carrizo-Wilcox aquifer in the Sulphur, Cypress, Sabine, and Neches River basins. This estimate is related to the capacity of the aquifer to transmit water from the outcrops to a line of theoretical discharge (trough method). The estimated annual effective recharge amounts to less than 5 percent of the average annual rainfall as applied to the Carrizo-Wilcox outcrop in these four river basins.

In addition to the annual effective recharge, about 358,600 acre-feet (442 hm³) of ground water in these

river basins can be withdrawn from artesian storage as described in the previous section. The storage estimated in this manner is economically recoverable and is divided by 53 years (January 1, 1977, through December 31, 2029) to give the annual storage depletion rate for 1977 to 2030. Although this source of water is available to support short-term pumpage in excess of the annual effective recharge, it should not be considered as water available for development on a sustained basis.

The following table gives an estimate of the average annual ground-water availability of the Carrizo-Wilcox aquifer in terms of effective recharge and storage depletion in acre-feet to the year 2030.

	River basin					
	Sulphur	Cypress	,	Sabine	Neches	Totals
Annual effective recharge	4,000	15,000		44,000	150,000	213,000
Annual storage depletion	100	800		1,400	4,500	6,800
Basin totals	4,100	15,800		45,400	154,500	219,800

The total average annual ground-water availability for the entire Carrizo-Wilcox aquifer in all river basins for the period from 1980 through 2029 is 847,600 acre-feet (1,050 hm³) as shown in Table 1 and Appendix A. Included with this annual availability is a total annual effective recharge of 644,900 acre-feet (795 hm³) which is 68,400 acre-feet (84.3 hm³) or 12 percent more than the 1968 estimate of 576,500 acre-feet (711 hm³). This increase was due to the inclusion of additional areas of the aquifer in northeast Texas and a re-evaluation of the annual effective recharge in all areas. Additionally, a certain amount of storage was considered to be depletable in the current analysis and was not included in the 1968 estimate.

Edwards (Balcones Fault Zone)

The Edwards (Balcones Fault Zone) aquifer consists of the Edwards and associated limestones of Cretaceous age which are in hydraulic continuity and consist of massive to thin-bedded, nodular, cherty, gypseous, argillaceous white to gray limestone and dolomite of the Georgetown, Edwards and Comanche Peak Formations. Thickness ranges from 200 to 600 feet (61 to 183 m). The Edwards Limestone is the primary water-bearing formation. It yields moderate to large quantities of fresh water and is characterized by its extensive honeycombed, cavernous strata caused by solution channeling over wide areas. Wells pumping from this aquifer are among the world's largest with some

wells yielding more than 15,000 gal/min or 1,000 l/s (Peckham and others, 1968).

Hydrologic boundaries of the aquifer are formed by the overlying Del Rio Clay and the underlying Glen Rose Formation (Klemt and others, 1979). The lateral boundaries of the aquifer as shown in Figure 6 are (1) the edge of the Balcones Fault Zone on the north and northwest. (2) a ground-water divide near Brackettville which separates eastward underflow to the Nueces River basin from underflow to the Rio Grande basin on the west. (3) an extreme thinning of the aquifer near the Leon River between Salado and Temple in Bell County, and (4) a line which represents the downdip extent of water having less than 1,000 mg/l of dissolved solids. This line or boundary generally runs eastward through southern portions of Kinney, Uvalde, and Medina Counties and then northeastward through Bexar, Comal, and Hays Counties. The boundary in Travis, Williamson, and Bell Counties is represented by a line delineating the downdip extent of water having less than 3,000 mg/l of dissolved solids.

The Edwards is recharged primarily by downward appropriation of surface water from streams traversing the outcrop and by direct infiltration of precipitation on the outcrop. This recharge reaches the aquifer mainly through crevices and faults in the Balcones Fault Zone. Because of the high rate of surface-water seepage into the underlying Edwards, some streams crossing the outcrop flow only during floods. In addition, small

TRACT 5

DESCRIPTION OF PROPERTY TRACT 6: 31,545 SQ. FT. DL 11 DIV Z G.F. NO. 90-1205 GRANTOR **VOLUME** 3 16 35 JOE MACKEN WD PART OF / ACRE - SOUTH LINE W. 5TH ST., NORTH BANK OF SHORE CREEK WD 517/85 R.G. MUELLER Services, Inc. 14 3 23 41 608 108 WM A. FOLTS RUBLIC SEE ATTACHED Copy MORKIS HIRSHFELD Resource GIFT 7 22 41 DEEL 7 23 41 KATHERINE E. MACKEN BRIDGET SHEEHIN 107 MARGARET M. MACKEN ALL RIGHT TITLE & INTEREST IN ESTATE OF JOE MACKEN DECEMBED MARY M. MACKEN

(ALL FORE SOLES) Mickey ಳ DENNIS W. MACKEN Research JOSEPH P. MACKEN BOTH SINGLE MEN ESTATE OF BRIDGET S. MACKEN 111155 SEE ATTACHED COPY DETENSED

		11ULT 0	
PROBAT	TE NO.: 39, 069		FILED 4/20/77
THE ES	STATE OF KATHERINE E.	MACKON	, DECEASED
•	•		
		• • • • •	
,	APPLICATION TO PROPATE WILD Applicant: OSGH P. Decedent died: 14-7-7 Probable Value of Estate:	· ·	
645 <u> 215</u>	WILL DTD #12/48 Disposition of Property: WARGAKET M. MAC	DENNIS W. MACK	M. MACKEN
	Appointment of (Independe	nt) (Executor) (
	Trust set up:	IS MACKEN WA	VED RIGHTS AS
645/216	NOTICE /ND SHERIFF'S RETURN		EXELUTION)
45/218	PROOF OF WILL	, .	
645/222	DATH OF (EXECUTOR) (EMBEUTRE)	By: JOSEPH	P. MACKEN
645/220	OORDER PROBATING WILL Letters Testamentary gran	ted to:	
657 <u>/10</u> 07	Letters Testamentary grand Tinventory and LIST OF CLAIMS Separate Property: WON LOT Community Property: ST.	NCLUCEY: DED 15 INTERE LOCALLY KNOW BENG 130'X	EST IN UNIMPROVES IN AS 805 W. 5TH 260' OL II DIVZ
. ~ 1	Total Value of Estate:\$. Value of Decedent's	84,997.22	
657/1009	ORDER APPROVING INVENTORY AND	LIST OF CLAIMS	
	WAIVER OF APPOINTMENT OF APPR	AISERS	
	AFFIDAVIT OF EXECUTOR FOR INH	ERITANCE TAX APP	RAISEMENT
	REPORT OF APPRAISEMENT (PRELI	MINARY)	
	ORDER FIXING AND ASSESSING IN		
658/598	STATE INHERITANCE TAX RECEIPT	مدا. <u>66. المعالمة ا</u>	-
	CERTIFICATE OF NO STATE INHER	ITANCE TAX DUE	
	PROOF ALL FEDERAL ESTATE TAXE	S PAID	
	APPLICATION FOR ORDER CLOSING	ESTATE	•
	ORDER CLOSING ESTATE	·	
	OTHER:		*****

PROBATE NO.: 41,638	FILED \$33/79
THE ESTATE OF DENNIS W. MACKEN	, DECEASED
APPLICATION TO PROBATE WILL Applicant: OSPIT MAKEN Decedent died: 15-74 0 78 yr. Probable Value of Estate: \$	·
678/112 WILL DE SOULAS Property: JOSON P. M. MACKEN & MARY	KNON, KAMERIJE E. MACKON,
Appointment of (Independent) (Executor	BeoTHER (Executiv):
Trust set up:	
678/1114 NOTICE IND SHERIFF'S RETURN	
678/11/6 PROOF OF WILL	/.
678/420 OATH OF (EXECUTOR) (EXECUTRIX) By:	PH P. MACKEN
678/1118 ORDER PROBATING WILL Letters Testamentary granted to:	
694/557 INVENTORY AND LIST OF CLAIMS Separate Property: WONTOOD 1/4 /	STERET IN
678/118 ORDER PROBATING WILL Letters Testamentary granted to: 694/557 INVENTORY AND LIST OF CLAIMS Separate Property: WONTOON 1/4 // Community Property: 805 W. 574 S 02 //	T LOCATLY KNOWN AS T., BENG 130'X 260' ' DIV Z
Total Value of Estate: \$\frac{189,349.25}{\text{Value of Decedent's 1/2}}	
694/559 order approving inventory and list of clai	MS
WAIVER OF APPOINTMENT OF APPRAISERS	
AFFIDAVIT OF EXECUTOR FOR INHERITANCE TAX	APPRAISEMENT
REPORT OF APPRAISEMENT (PRELIMINARY)	
ORDER FIXING AND ASSESSING INHERITANCE TAX	\$
6991914 STATE INHERITANCE TAX RECEIPT \$ 5,600.70	
CERTIFICATE OF NO STATE INHERITANCE TAX DU	E
PROOF ALL FEDERAL ESTATE TAXES PAID	
APPLICATION FOR ORDER CLOSING ESTATE	·
ORDER CLOSING ESTATE	•
OTHER:	

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1 7

THOU ALL MEN BY THESE PRESENTS:

That we, JOSZPE P. MICKEN, MARCARET MICKEN AND MARE M. MACKET, all Individually, and JOSEPH P. MONTH, as Independent Describer of the Estates of Natherine E. Macken, Decembed, and Dennis W. Macken, Decembed, of Travis County, State of Texas, hereinafter referred to as Grantons, whether one or sore, for and in consideration of the aug of TEN DOLLARS (\$10.00) and other good and valuable consideration, to Grantons in hand paid by the City of Austin, Texas, the recript and sufficiency of which is hereby admovidedged and confessed, and for which no lien, expressed or implied, is retained, have this day Granted, Sold and Conveyed, and by these presents to hereby Grant, Sell and Convey, unto the said City of Austin, a sunicipal corporation situated in Travis County, Texas, the following described property, to-wit:

> All that outsin tract, place or percel of land, lying, and being. althated in the County of Travis, State of Texas, described in EXPLIRIT "A" attached hereto and mode a part hereof for all purposes, to which reference is here rade for a rore particular description of said property.

TO RAVE AND TO HOLD the above-described promises, together with all and singular the rights and appurtenances thereto in anywise belonging unto the said City of Austin, its successors and assigns furever; and Grantors, whether one or core, do hereby bind ourselves, our heirs, executors, administrature, successors and assigns to warrant and forever offerd all and singular the said premises unto the said City of Austin, its successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof.

IN MINGS MILLER, Grantons have caused this instrument to be executed on this 3 day of 1/2 function . A.D.192 (. , A.D.19<u>5 (</u>. coy of Library

coepi F. Howen, Individually and as Independent Executor of the Estates of Ratherine E.

Alalarer The Phoson individually

Macken, Doceased and Dennis W. Macken, Deceased

Mary on macken Hary My Hocken, Individually

ACCOUNTED

THE STACE OF TEXAS

COCKET OF TRAVES

NOW WIT HEN BY BEIEST MUSEURS:

---2-51-0788

BEFORE MR, the undersigned, a Notary Public in and for said County and State, on this day personally appeared Joseph P. Macken, known to me to be the person whose name is subscribed to the foregoing instrument, and schooledged to me that he executed the same for the purposes and consideration therein expressed.

CIVEN THOSE MY END NO SEAL OF OFFICE, This the 3-day

or Labruary, A.D. 1981.

Debra Gan Harin

Notary Public in and for Travia County, Texas

Debra Ann Gorin' (Print or type Horary's pass.)

DEBRA ANN SORIN
Miles Nation to the Street Tomas County Tomas
Ay Commission Light 3 - 34 - 56

ACRECULEDOMOT

THE STATE OF TEXAS COOKITY OF TRAVES

RHOW ALL HEN BY TRESE PRESENTS:

BETORE ME, the undersigned, a Notary Public in and for said County au-State, on this day personally appeared MARGARET M. MACOEN, known to see to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she executed the same for the purposes and consideration therein expressed.

GIVEN ONDER HE HAND WE SELL OF OPPICE, This the 3 rulesy

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Debra Cini Jorin Hocary Public in and for Travis County, Toxas

NOTARY SEA -

Debra Ann Grorin (Print or type Notary's nort.)

DEBRA ANN OORIN

ACT EXCHENT

THE STATE OF TEXAS

COUNTY OF TRAVIS

RHON ALL MEN BY THESE PRESENTS:

BEFORE PER the undersimed, a Notary Public in and for said County and Bists, on this day personally appeared MARY N. MACRY, known to se to be the person whose name is subscribed to the foregoing instrument, and acknowledged to se that she executed the same for the purposes and consideration therein expressed.

CIVE GENERAL ME HOLD FOR SEAL OF CHILLIA, This the 3miles

Delvie Chin Horim

Debra Ann Gori Person we come

EXHIBIT "A"

Joe Macken, deceased
Dennis W. Macken, deceased
Katherino E. Macken, deceased
Margaret M. Macken
Mary M. Macken
Joseph P. Macken, heirs
to
The City of Austin
(Hike and Bike Trail
and park purposes)
(Shoal Creek Park)

FIEL NOTES

FIELD NOTES FOR 4,030 SQUARE FEET OF LAND,
SAME BEING OUT OF AND A PART OF THAT CERTAIN TRACT OF LAND OUT OF OUTLOT 11, DIVISION
Z, OF THE COVERNMENT OUTLOTS ADJOINING
THE ORIGINAL CITY OF AUSTIN, TRAVIS COUNTY,
TEXAS, ACCORDING TO A MAP OR PLAT OF SAID
COMERNMENT OUTLOTS ON FILE IN THE CEMERAL
LAND OFFICE OF THE STATE OF TEXAS, WHICH
CERTAIN TRACT OF LIND WAS CONVEYED TO JOE
MACKEN BY MARRANTY DEED DATED MACH 16, 1935,
OF RECORD IN VOLUME \$17 AT PACE 219 OF THE
DEED RECORDS OF TRAVIS COUNTY, TEXAS; SAID
4,030 SQUARE FEET OF LAND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING at the northeast corner of the herein described tract of land, same being a point in the east fline of said. Macken tract of land, same being the west line of that certain tract of land conveyed to C. E. Smith Sr., by warranty deed dated April 27, 1960, of record in Volume 2171 at Page 502 of the Deed Records of Travis County, Texas, and from which point of beginning the intersection of the south line of West 5th Street with the west line of West Avenue bears 5 86° 28' 57" E 122.68 feet, 5 82° 01' 00" E 85.16 feet, N 85° 12' 00" E 12.04 feet, and N 19° 00' 00" E 218.48 feet;

THENCE, with said east line of the Macken tract of land, same being said west line of the Smith tract of land, S 190 00' 00" W 35.73 feet to the southeast corner of the herein described tract of land, same being the southeast corner of said Macken tract of land, same also being the southwest corner of said Smith tract of land, and which point is on th north bank of Shoal Creek;

THENCE, with the south line of said Macken tract of land, same being said north bank of Shoal Creek and its meanderings, N 71° 51° 29° 127.46 feet to the southwest corner of the herein described tract of land, same being the southwest corner of said Macken tract of land, same also being the most southerly corner of that cortain tract of land conveyed to James Helean Bell, et us, by warranty deed dated August 31, 1967, of record in Volume 3346 at Page 1790 of the Deed Records of Travis County, Texas;

THENCE, with the west line of said Macken tract of land, same being the east line of said Bell tract of land, N 180 34' 00" E 59.18 feet to the northwest corner of the herein described tract of land;

THENCE, in an easterly direction with the following three (3) courses: _

(1) S 30° 34' 50" E 52.82 feet to a steel pin set;

(2) S 70° 47' 47" E 41.26 feet to a steel pin set;

(3) S 86° 28' 57" E 48.16 feet to the point of beginning.

Linda Alvarez 10/19/77 FIELD NOTES:

Carlos Mosqueda 4/1/80

FIELD WORK:

Jess Wood F.B. 3354, Pg. 8-10

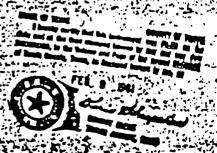
APPROVED:

2-50-0790

James E. Thompson, P.E., R.P.S. Guief Engineer Engineering Department

2-G-50 (Bearing Basis) FF 4865 Section Hap 99

REVISED:



DRAINAGE AND RECREATIONAL TRAIL EASEMENT

STATE OF TEXAS

KNOW ALL HEN BY THESE PRESENTS: 2-94-9874

COUNTY OF TRAYIS ME 27-00-

That Joseph P. Macken, Margaret H. Macken and Mary M. Macken, all Individually and as Independent Executors of the Estate of Bridget Sheehan Hacken, Deceased; and Joseph F. Macken, as Independent Executor of the Estates of Katherine E. Macken, Deceased and Dennis W. Macken, Deceased, of the County of Travis and State of Texas, hereinafter referred to as Grantors, whether one or more, for and in consideration of the sum of One Dollar (\$1.90) and other good and valuable consideration, to Grantors in hand paid, by the City of Austin, the receipt and sufficiency of which is hereby acknowledged and confessed, and for which no lifen or encumbrance, expressed or implied, is retained, have this day Granted and Conveyed and by these presents do Grant and Convey unto the City of Austin, a municipal corporation situated in the County of Travis, State of Texas, an easement and right-of-way for: (1) the construction and maintenance of a storm where drainage way to consist of an open drainage ditch in, upon and across the herein described property and (2) the construction, operation and maintenance associated with a park greenbelt and pedestrian and bicycle trail in, upon and across the herein described property, to-wit:

> All that certain tract, piece or parcel of land, lying and being situated in the County of Travis, State of Texas, described in EXHIBIT "A" attached hereto and made a part hereof for all purposes, to which reference is here made for a more particular description of said property.

TO MAYE AND TO HOLD the same perpetually to the City of Austin, and its successors and assigns, together with the right and privilege at any and all times to enter said premises, or any part thereof, for the purpose of constructing and maintaining said storm water drainageway, and pedestrian and bicycle trail, and for making connections therewith.

IN WITHESS WHEREOF, Grantors have caused this instrument to be executed on this 24 day of 406.15T . 1982.

Independent Executor of the Estates of Bridget Sheehan Macken. Deceased,the Estate of Katherine E. Macken, Deceased and the Estate of Dennis W. Macken, Deceased

Daigne & Dinellen Hargaret M. Macken, Individually and as Independent Executor of the Estate of Bridget Sheehan Macken, Deceased

y a elim Mary , H. herken, individually and as Independent Executor of the Estate of Bridget Sheehan Macken, Deceased

DEED - RECORDS Trevis County, Toms

GRANTEE MULING ADDRESS CITY OF AUSTIN PROFERTY MANAGEMENT DIV. P. O. BOX 1088 AUSTIN, TEXAS 78767

ACKNOWLEDGHENT

THE STATE OF TEXAS

COUNTY OF TRAYIS

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared Joseph P. Macken, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE.

This the 24 day of Abust, 1982.

Motary-Fublit in and for Travis County, Texas

(Print or Type Notary's Name.)

CRECORY R. ALTHOFF

Notary Public Juris County, Texas

Aly Commission Expires 5/1/20

NOTARY SEAL ACKNOWLEDGMENT

THE STATE OF TEXAS

COUNTY OF TRAYIS

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared Margaret M. Macken, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE.

NOTARY SEAL LONG AUGUST 1982

Hotary Public on and for Travis County , vexas

(Print or Type hotary's hame.)

GREGORY R. ALTHOFF

Mobile Public, Travis County, Texas

Py Commission Espires 9//95

ACKNOWLEDGMENT

THE STATE OF TEXAS

COUNTY OF TRAYIS

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared Mary M. Macken, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE,

This the 24 day of AUGIT . 1972

NOTARY SEAL

Notary Public In and for Travis County Viexas

(Print or Type Hotary's Name.)

CREGORY R. ALTHOFF

Notice Public Travis County, Texas

My Commission Expires 25

EXHIBIT "A"

Joe Macken, occrased Dennis M. Macken, deceased Katherine E. Macken, deceased Margaret M. Macken Mary M. Macken Joseph P. Macken, heirs to

The City of Austin (Open drainagevay an 2-94-9076 hike and bike trail) (Shoal Creek)

PIELD HOTES

FIELD MOTES FOR 2600 SQUARE FEET OF LAND, SAME BEING OUT OF AND A PART OF THAT CERTAIN TRACT OF LAND OUT OF OUTLOT 11, DIVISION Z, OF THE COVERNHENT OUTLOTS ADJOINING THE GRICHAL CITY OF AUSTIN, TRAVIS COUNTY, TEXAS, ACCORDING TO A MAP OR PLAT OF SAID COVERNHENT OUTLOTS ON FILE IN THE GENERAL LAND OFFICE OF THE STATE OF TELAS, WEIGE TRACT OF LAND WAS CONVEYED TO JOE MACKEN, MOV DECEASED, BY DEED DATED MARCH 16, 1935, OF RECORD IN VOLUME 517 AT PAGE 219 OF THE DEED RECORDS OF TRAVIS COUNTY, TELAS; SAID 2,600 SQUARE FEET OF LAND BEING MICH PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BECINNING at a galvanized steel pin set at the northwest corner of the herein described tract of land, same being a point in the west line of said Macken tract of land, which line is the east line of that certain tract of land conveyed to the City of Austin, a municipal corporation, by warranty deed dated January 7, 1981, of record in Volume 7255 at Page 540 of the Deed Records of Travis County, Texas, and from which point of beginning the intersection of the south line of West 5th Struct with the east line of West Avenue boars # 18° 34° 00° # 203.10 feet and 3 77° 28° 00° # 344.01 feat;

THENCE, S 57° 34° 36° E 131.55 feet to the northeast corner corner of that certain tract of land conveyed to the City of Austin, a staicipal corporation, by warranty deed dated February 3, 1981, of record in Volume 7302 at Page 241 of the Deed Becords of Travis County, Texas, same being a point in the east line of said Macken tract, which line is the west line of that certain tract of land conveyed to Fete G. Vescovo, et ux, by warranty deed dated September 5, 1980, of record in Volume 7097 at Page 22 of the Deed Records of Travis County, Texas;

THENCE, with the morth line of said City of Austin tract of land described in Volume 7302 at Page 241 in a westerly direction with the following three (3) courses:

- (1) # 86° 28' 57' H 48.16 feet to a galvanized pin found:
- (2) # 70° 47' 47" W 41.26 feet to a galvanized pin found;
- (3) # 30° 3A' 50° ¥ 52.82 feet to a galvanized pin found at the northwest corner of said City of Austin tract of land described in Volume 7302 at Page 281, same being the most westerly corner of the herein described tract of land, and which point is in the west line of the aforesaid Macken tract of land, which line is the east line of the aforesaid City of Austin tract of land described in Volume 7255 at Page 540;

personally appeared C. B. Smith, Sr., known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this the 2/3day of September, 1964.

WOTARY SEW

Odunty, Texas

THE STATE OF TEXAS COUNTY OF TRAVIS

Before me, the undersigned authority, on this day personally appeared CK FOLK _ , known to me to 📳 be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same as the act and . deed of Dependable Motors, Inc., a corporation, and as the President thereof, and for the purposes and consideration therein [3.1] expressed.

Given under my hand and seal of office this the 2/17isy of September, 1964.

WOTARY SEAL

THE STATE OF TEXAS COUNTY OF TRAVIS

KNOW ALL MEN BY THESE PRESENTS:

THAT I, Jack Polk, for and in consideration of the sum of: 3 One Dollar (\$1.00) and other good and valuable consideration to me = in hand paid by C. B. Smith, Sr., the reccipt of all of which con- $\tilde{\varepsilon}$ sideration is herely fully acknowledged and confessed, have and do to by these presents hereby guarantee to the said C. B. Emith, Sr.

DEED RECORDS (VOL 2839 MICE 382

that the Lessee in that certain lease agreement between C. B. Smith, Sr., as Lessor, and Dependable Motors, Inc., as Lessee, dated September 10, 1964, to which reference is here made for all pertinent purposes, will keep and perform all of the terms ... and conditions in said lease agreement to be kept and performed by Lessee, including prompt payment of rentals during the lease. term, or any extension thereof.

This guaranty shall be enforceable at Austin, Travis County, Texas.

Dated this the 10th day of September, 1964.

THE STATE OF TEXAS COUNTY OF TRAVIS

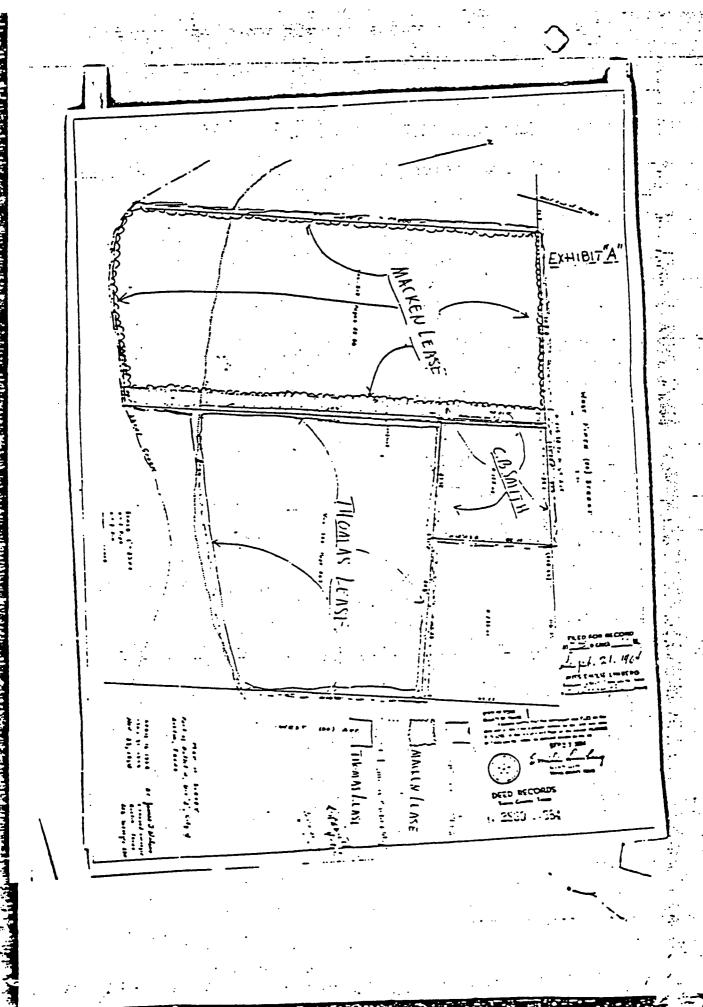
Before me, the undersigned authority, on this day personally appeared Jack Polk, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and lansideration therein expressed.

Sign under my hand and seal of office this the 21 day of September, 1964.

WOTARY SEW

Hopery Public within Travis County, Texas.

DEED RECORDS (vii 2833 mii 383



75-5479

THE STATE OF TEXAS TO 8103 - 350

KNOW ALL MEN BY THESE PRESENTS

COUNTY OF TRAVES

That WE. C. B. SMITH, SR. and wife. RUTH SMITH. for the consideration hereinalter stated, paid and to be paid by PETE G. VESCOVO, and wife, DOROTHY VESCOVO the receipt of which is hereby acknowledged and for which no lien other than herein provided is retained or shall exist, have GRANTED, SOLD and CONVEYED, and by these presents do GRANT, SELL, and CONVEY unto the said PETE G. VESCOVO, and wife, DOROTHY VESCOVO, all those certain tracts or parcels of land situated in the City of Austin, Travis County. Texas, and described as follows, to-wit:

FIRST TRACT: A part of Outlot No. 11, in Division "Z" in the City of Austin, Travis County, Texas, fully described by metes and bounds as follows, to-wit: Beginning at a point in the South line of West Fifth Street and in an old fence line North 77° 28' West 201.45 feet from the interof the South line of said West Fifth Street and the West line of West Avenue: thence along the old fence line South 19° 23' West 72, 52 feet to a point for corner; thence South 71° East 85.45 feet to an iron stake for corner; thence North 180 43. East 62, 12 feet to an iron stake for corner in the South line of West Fifth Street; thence along the South line of West Fifth Street North 77°28' West 85, I feet to the place of beginning;

SECOND TRACT: 'A part of Outlot No. 11, in Division "Z" in the City of Austin. Travis County, Texas, fully described by metes and bounds as follows, to-wit: Beginning at a point in the South line of West Fifth Street and in an old fence line North 77° 28' West 201.45 feet from the intersection of the South line of said West Fifth Street and the West line of West Avenue; thence along the South line of said West Fifth Street North 77° 28' West 2.8 feet to a point for corner; thence South 190 West 72, 21 feet to an iron stake for corner; thence South 71° East 2.3 feet to a point for corner in an old fence line; thence along the old fence line North 19° 23' East 72,52 feet to the place of beginning; - together with all improvements thereon situated and being the same property conveyed by Jay H. Brown. Trustee to C. B. Smith by deed dated June 7, 1954, recorded in Vol. 1466, at page 85, et seq., of the Deed Records of Travis County, Texas, to which said deed and its record reference is here made for all pertinent purposes;

THIRD TRACT: Being a part of Outlot No. 11, Division "Z" and also a part of what was laid off on the original plat of the City of Austin, Texas, as West Avenue, and beginning at a stake in the West line of West Avenue as now established and recognized at the intersection of said line with the North Bank of Shoal Creek. Thence Northerly with the said West line 125 feet to the S. E. corner of that certain tract of land sold and conveyed by D. P. Kinney and wife Beulah Kinney to the Board of Trustees of the Austin City Public Schools by deed dated the 17th day of June A. D. 1896. Thence with the south line of said school tract westerly 203 feet to its S. W. corner ata stake in the East line of that certain one acre tract sold and conveyed by D. P. Kinney to F. B. Forster by deed dated 30th day of March 1883, thence with the said East line Southerly to Shoal Creek, thence down Shoal Creek with its meanders to the place of beginning; Together with all improvements thereon situated.

7E-548II ==

all and singular the rights and appurtenances thereto in anywise belonging.

unto the said PETE G. VESCOVO, and wife, DOROTHY VESCOVO, their hairso and assigns forever; and we do hereby bind ourselves, our heirs and assigns to:

WARRANT and FOREVER DEFEND, all and singular, the said premises uses the said PETE G. VESCOVO, and wife, DOROTHY VESCOVO, their heirs and assigns, against every person whomsoever lawfully claiming or to claim the same, or any part thereof: This conveyance is made subject to all easements and restrictions of record.

THE CONSIDERATION for the above conveyance is as follows:

- 1. The sum of TEN AND NO/100 DOLLARS (\$10,00) cash, and other good and sufficient cash consideration to us in hand paid by Grantee, the receipt of which is hereby acknowledged and confessed; and
- 2. The execution and delivery by PETE G. VESCOVO, and wife, DOROTHY VESCOVO, of their one certain vendor's lien note of even date herewith for the principal sum of One Hundred Ninety Five Thousand and No/100 Dollars (\$195,000.00), payable to the order of C. B. Smith, Sr. at Austin, Travis County, Texas, and bearing interest from March 1, 1973, the date hereof, until July 1, 1974 at the Tite of Eight Per Cent (8%) per annum, and beginning July 1, 1974 the interest on said note shall be at the rate of two (4) points over the prime rate in effect at the Chase Manhatten Bank of New York, New York, and the interest shall be adjusted at the end of each two (2) years to the prime rate in effect at the Chase Manhatten Bank of New York . New York until said note is fully paid, however, in no event shall the interest on the principal balance, beginning July 1, 1974 until the full payment of said note shall be less than Seven Per Cent (7%) per annum. Said note being payable in equal monthly installments of Five Thousand and No/100 Dollars (\$5,000.00). beginning April 1, 1973, up to and including June 1, 1974, and on July 1, 1975. the sum of Two Thousand Seven Hundred Forty Four and No/106 Dollars. (\$2,744.00) and beginning August 1, 1974 said note being payable in monthly

73-6481

per month. All payments to be applied first to accrued interest then to principal until said note is paid in full; said note being secured by a vendon's and deed of trust lies on the above described property, and upon the payment of said note both principal and interest, the title to said property shall become absolute.

WITNESS MY HAND this March L.A. D. 1973.

C. B. Somth St.

Rath Smith

THE STATE OF TEXAS

COUNTY OF TRAVIS

BEFORE ME, the undersigned authority, on this day personally appeared.

C. B. SMITH, SR., known to me to be the person whose name is subscribed.

to the jurgoing instrument, and acknowledged to me that he executed the
same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, on this the // 2 day of May, A. D. 1973.

NOTARY SEAL

Notary Public. Trave County, Texas

THE STATE OF TEXAS

COUNTY OF TRAVIS

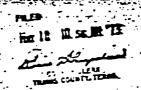
BEFORE ME, the undersigned authority, on this day personally appeared. RUTH SMITH, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she executed the same fact the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, on this the 10 day of May, A. D. 1973.

NOTARY SEAL

Notary Public, Travia County, Texas

4652 802



STATE OF TICHS

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MAT -8 1973



COUNT CLEM

TRACT 6

G.F. NO. 90-1205 DESCRIPTION OF PROPERTY TRACT 6: 31, 545 Sq. FT. OL 11 DIV Z GRANTOR P=01 VOLUME: C.B. SMITH, SK. 13.76 STRIP OUT OF WO 517/85 2171 502 DENNIS W. MACKEN INDIVIDUALLY & AS INDEPENDENT EXECUTOR
OF ESTATE OF DRIGGET
SHEETHAN MACKEN,
DECENCED Services, KATHERYNE E. MACKEN

KENE SOLE

MANGARET M. MACKEN MARY M. MACKEN

JOSEPH P. MACKEN Resource બ Land Research

90-1205 DESCRIPTION OF PROPERTY TEXT 6: 31,545 Sq. FT. OL 11 DIV Z

GRANTOR GRANTEE GRANTEE RATED REMARKS VOLUME PAGE KSTATE OF KATHERINE E. MACKEN, 43077 SEE ATTACHED COPY DECENSOD ESTATE OF DENNIS W. MACKEN DEFENSED Resource Services, Inc. SEE ATACHOD 82379 110 7302 241 JOSEPH P. MACKEN LITY OF AUSTIN 4,030 Sp. FT. MARGARET MACKON MARY M. MACKEN JOSEPH P. MACKEN INO. EXECUTOR OF ESTATES OF KATHERINE SEE AMACHED COPY = EXHIBIT= જ Research F. MACKEN DECEMBER & DONNUS W. MACKEN, Domser Land FASE 824 82 JOSEPH P. MACKEN 7841 251 SEE ATTACHED COPY CITY OF AUSTIN 8010 848 JOSEPH P. MACKEN WD PETE G. VESCOVO 31,545 Sp. FT. SE AFFACHED COPY

PROBA	TE NO.: 16,902 FILED 1/11/55
THE ESTATE OF BRIDGET S. MACKEN, DECEASED	
: ;	
179/1	APPLICATION TO PROBATE WILL Applicant: DENNIS W. MACKEN Decedent died: /-/2-5/ Probable Value of Estate: \$
179/1	WILL DTD 2/9/44 Disposition of Property: DENNIS W MACKEN KATHER LE E. MACKEN, MANGARET M. MACKEN, MARK M. MACKEN, JOSEPH P. MACKEN
	Appointment of (Independent) (Executor) (Executrix):
,	Trust set up: OR ANY OF CHILDREN
179/2	NOTICE / ND SHERIFF'S RETURN
179/3	PROOF OF WILL
179/4	OATH OF EXECUTOR (EXECUTRIX) BY: DENNIS W. MACKEY ORDER PROBATING WILL
17-1/3	ORDER PROBATING WILL Letters Testamentary granted to: DENNIS W. MACKEN
174/4	INVENTORY AND LIST OF CLAIMS Separate Property: TRACT OUT OF OL 11 DIV Z
	Community Property: WD 517/219
	Total Value of Estate: \$ 52,33/.444 Value of Decedent's 1/2
	ORDER APPROVING INVENTORY AND LIST OF CLAIMS
	WAIVER OF APPOINTMENT OF APPRAISERS
	AFFIDAVIT OF EXECUTOR FOR INHERITANCE TAX APPRAISEMENT
	REPORT OF APPRAISEMENT (PRELIMINARY)
	ORDER FIXING AND ASSESSING INHERITANCE TAX \$
instil	STATE INHERITANCE TAX RECEIPT \$
177/64	CERTIFICATE OF NO STATE INHERITANCE TAX DUE
<u></u>	PROOF ALL FEDERAL ESTATE TAXES PAID
	APPLICATION FOR ORDER CLOSING ESTATE
	ORDER CLOSING ESTATE
	OTHER:
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TRACT 7

DESCRIPTION OF PROPERTY TRACT 7: TRACT OUT OF OUTLOT 11 DIVISION Z GRANTEE DATEDATILED GRANTOR *OLUM PAGE 608 205 WS 1.N. TAYLOR THE CALCASIEU LUMBOR TRACT OUT OF OLI DIVZ CongANY ON EAST BANK OF SHOOL CLEEK TOGETHER WITH ALL IMPROVEMENTS 614 591 THE CALCASIEU LUMBERZ Resource Services, Inc. WS LITTLE & GOSLIN, A PARTHERSHIP Congress OF H.E. LITTLE & A.O. GOSLIN H.E. LITTLE A.O. GOSLIN ONE STORY FRAME WAREHOUSE 800 592 W. D. ANDERSON ML CONTRACTOR Research 1254 248 ARCH D. GOSLIN H.E. LITTLE WD IN TRACT OUT OF OLI DIVZ Land H.E. LITTLE (X) LAWA E. WD TRACT OUT OF OL 11 INZ 454 A.T. LONG 9 30 55 HUSERT E. ROSSY WS 1632 204 A.T. LONG

DESCRIPTION OF PROPERTY TRACT 7: TRACT OUT OF OUTLOT 11 DIVISION Z 90-1205 GRANTOR GRANTEE vocume HUBERT E. ROSSY (X) FLORENCE PARKE ROSSY 1652 142 TRUMAN H. MONTANOON (X) LETHA WD WO 9 15 67 TRUMAN H. MONTANDON (X) LETPLA JAMES MCLERY BELL Services, Inc. 3346 1790 (X) BETTY LYDICK BELL CONTERT 3 17 80 WILLIAM M. BELL 6925 1611 JAMES M. BELL Resource SILE Land Research & MILLIAM M. BOLL, CONDERS. WS UTY OF AUSTIN . 2,605 SQ.FT. = EX4181T= SEE ATTACHED COPY QCD 1222 81 WILLIAM M. BOLL 7648 James M. Bell PLUTCHAIM INTEREST

- EXHIBIT-WAPPANTY DETED 2-47-7138 THE BTATE OF THOUS NACH ALL HEN BY THESE PRESENTS! LOURTY OF TRAVES ME 12-01250 544 That we, JAMES HIJDAN BELL ST UX, BESTY LYDICK BELL, on Contract of Sale to WILLIAM M. DIL., of Travia County, State of Towns, hersinafter referred to an installation, whether cave or many, for and in organization of the extended of the continues, seemble one or many, for any in communication on the extended of the continues of the continue Compared, and by the or presidents the being Grant, Sell and Convey, unto the said City of Aistin, a municipal comparation situated in Travia County, Towns, the following described property, to-vite All that cortain tract, piece or parcel of land, lying and being \oplus situated in the County of Travis, State of Texas, described in . EXHIBIT "A" attached hereto and made a part hereof for all purposes, to which reference is here mode for a more particular dorcription of said property. TO RAVE AND TO HOLD the those-described promises, together with else Simile: the rights and appurtenances thereto in anyones belowing unto the said City of Austin, its successors and assigns forever; and Grantors, Mether one or more, do hereby bind curselves, our hairs, executors, exhibits trators, successors and assigns to verrant and forever defend all and singular the said promises unto the said City of Austin, its successors and sesions, against every porson whomsoower lawfully claiming or to claim the sens or any part thereof. Janes Michael Ball Betty Agelit Bell William M. Be EDGE OF TEXAS FOL HEAL HER BY THESE PRESENCES: ELYPLE AD LUNCO

RETURE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared JAMES MILEM BELL, and wite, BETTY LYDICK BELL, known to me to be the persons whose names are subscribed to the foregoing instrument, and advocated to me that they executed the same for the purposes and consideration therain expressed.

OUTVIEW DILARS NOT COUNTY OF COPYTICE,

WINE SEN- THE SHE

day of JANUARY

, 19<u>Y/</u>.

Hotary Abile in and for Travia County, Texas

(Print or Type Hotary's Harma.)

DEED RECORDS

HORIZACIANOSA TELEVISION

THE STATE OF TEXAS

CONT. OF TRAVIS

RICH ALL HEN BY THESE PRESENTS:

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared MILIAM M. BELL, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he associted the same for the purposes and expensive ration therein expressed.

CITYDE LEGACK MY IDANO AND SPAL OF OFFICE, This the Zalay

سره :

NOT: THE SEAL

2-47-7140

EXHIBIT "A"

James McLean Fell, et ux Betty Lydick Bell to The City of Austin (Bike and bike trail and park purposes) (Shoal Creek Park)

TITLD NOTES

FIELD NOTES FOR 2,602 BQUARE FEET OF LAND, SAME DEING OUT OF AND A PART OF THAT CERTAIN TRACT OF LAND OUT OF OUTLOT 11, DIVISION E, OF THE COVERNMENT OUTLOTS ADJOINING THE CRIC—INAL CITY OF AUSTIN, TRAVIS COUNTY, TELAS, ACCORDING TO A HAP OR PLAY OF SAID COVERNMENT OUTLOTS ON FILM IN THE GENERAL LAND OFFICE OF THE STATE OF TELAS, WEIGH CERTAIN TRACT OF LAND WAS CONVETED TO JAMES HELEAN BELL, ET UX, BY WARRANTY DEED DATED AUGUST 31, 1967, OF RECORD IN VOLUME 3346 AT PAGE 1790 OF THE DEED RECORDS OF THE COUNTY, TELLS; SAID 2,603 BQUARE PIET OF LAND BEING MORE FARTICULARLY DESCRIBED BY HEITS AND BOUNDS AS FOLLOWS:

BZCIMMING at the most southerly northeast corner of the herein described tract of land, same being a point in the east line of said Bell tract of land, same being the west line of that certain tract of land conveyed to Joe Macken, by warranty deed dated March 16, 1935, of record in Volume 317 at Page 219 of the Deed Records of Travis County, Texas, and from which point of beginning the intersection of the south line of West 5th Street with the west line of West Avenus bears 3 18 34 00" x 197.78 feet and 3 17 28 00" x 344.03 feet;

TRENCE, with said east line of the Bell tract of land, same being said West line of the Macken tract of land, 8 18° 34° 00" W 72.10 feet to the most southerly corner of the herein described tract of land, same being the most southerly corner of said fall tract of land, same also being the southwest corner of said Macken tract of land, and which point is on the north or northeast bank of Shoal Creek;

THENCE, with the west line of said Bell tract of land, same being said morth or northeast bank of Shoal Creek and its meanderings, in a mortherly direction with the following two (2) courses:

- (1) × 18° 28' 35" W 93.79 feet to a point;
- (2) H 060 46' 00" I 11.60 feet to the tarthment corner of the herein described tract of land;

010-71114

THENCE, with the most northerly north line of the berein described tract of land, \$ 71° 36' 43" Z 48.46 feet to the most northerly northeast corner of the berein described tract of land;

THEREX, with the most vesterly east line of the berein described tract of land, 8 16° 16' 25" M 13.85 feet to an interior all corner of the berein described tract of land;

THENCE, with the most southerly north line of the herein described tract of land, 8 69° 22° 10° Z 11.87 feet to the point of beginning.

FILL MOTHS: Linda Alvares

10-23-77

FIELD WORK: Jess Wood F.B. 3354, Fg. 8-10 ATTROVED I

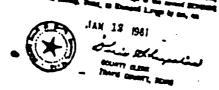
Hervin S. Shelton Registered Public Surveyor Engineering Department

References
2-C-30 (Searing Seals)
Cloude 7. Such Pr. Survey Map # C-4279

M

JAN 17 9 22 AH '81

COUNTY CLERE
TRAVIS COUNTY TEXAS



G.F. NO. 90-1205 DESCRIPTION OF PROPERTY TEACH F: TRACT OUT OF OUTLOT 11 DIVISION Z

UNE PAGE GRANTON GRANTEE CONST. DATED & FILED REMARKS JAMES McLEW BELL PETE G. VESCOVO WS SEE ATTACHED COPY (X) BETY LYNCK Resource Services, Inc. 1841 360 PETE G. VESCOVO CITY OF AUSTIN EISE 8,109 Sq.FT. SEE ATTACHED COPY Land

ಳ Research

1100

WARRANTY DEED WITH VENDOR'S LIEN

2-75-4803

DE 22-91 5- 1541 . 12.00

THE STATE OF TEXAS \$
COUNTY OF TRAVIS \$

KNOW ALL MEN BY THESE PRESENTS:

That JAMES NC LEAN BELL and wife, BETTY LYDICK BELL of the County of Travis and State of Texas for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00) and other valuable consideration to the undersigned paid by the grantee berein named, the receipt of which is hereby acknowledged, and the further consideration of the execution and delivery by grantee of his one certain promissory note of even date herwith, in the principal sum of FORTY SIX THOUSAND AND NO/100 DOLLARS (\$46,000.00), payable to the order of grantors and bearing interest as therein provided, containing the usual clauses providing for acceleration of maturity and for attorney's fees, ... the payment of which note is secured by the vendor's lien herein retained, and is additionally secured by a deed of trust of even date herewith to E. H. SHARTI, Trustee, have GRANTED, SOLD AND CONVEYED, and by these... presents do GRANT, SELL AND CONVEY unto PETE G. VESCOVO, of the County of Travis and State of Texas, all of the following described real property in Travis County, Texas, to-wit:

A part of Outlot No. Eleven (11) in Division "I" in the City of Austin, Travis County, Texas, and beginning on the East bank of Shoal Creek at the intersection of a 12-foot alley, said alley being an extension of West 5th. Street;

THEIRE with the S. line of said alley easterly 30 feat to the N. W. Corner of a 1 acre tract of land conveyed to F. B. Forrester by D. P. Kinney by deed of date March 30, 1883;

THENCE with the W. line of said 1 acre tract, southerly 310 feet to Shoal Creek;

THENCE up said Creek with its meanders to the PLACE OF BEGINNING, LESS & EXCEPT THE FOLLOWING TWO TRACTS: 1) A portion of the above described tract of land conveyed to the City of Austin by deed of I. N. Taylor under date of May 19. 1930, of record in Volume 448, Page 592. Deed Records of Travis County, Texas, and being the same property conveyed by Bubert E. Rossy and wife, Florence Parke Rossy to Truman H. Montandon and wife, Letha Montandon, by deed dated January 9, 1956, recorded in Volume 1652, Page 142, Deed Records of

DEED RECORDS

1-

That portion being 2.605 e particularly described attached hereto and made a part hereof for all pertinent purposes.

2-75-4804

TO HAVE AND TO HOLD the above described premises, together with all and singular the rights and appurtenances chereto in anywise belonging unto the said grantee, his heirs and assigns' forever; and Grantors do hereby bind themselves, their heirs, executors and administrators to WARRANT AND FOREYER DEFEND all and singular the said premises unto the said grantee, his heirs and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof.

But it is expressly agreed that the VENDOR'S LIEN, as well as the Superior Title in and to the above described premises, is retained against the above described property, premises and improvements until the above described note and all interest thereon are fully paid according to the face, tenor, effect and reading thereof, when this Deed shall become absolute.

This conveyance is made and accepted subject to any and all conditions and restrictions, if any, relating to the hereinabove described property, to the extent, and only to the extent, that the same may still be in force and effect, shown of record in the office of the County Clerk of Travis County, Texas.

EXECUTED this 10th day of August ... A.D. 1981.

Jules He LEAN BELL Better Louis Relief Bell

This instrument was acknowledged before me on by JAMES MC LEAN BELL and wife, BETTY LYDICK BELL.

CARRIE GAIL CRAIG (Type or print name)

My commission expires:

NOTARY SEAL

ADDRESS OF GRANTEE(S)

PETE C. VESCOVO

EXHIBIT "A"

2-75-4806

FIELD NOTES

*Field Notes for 2,605 square feet of land, same being out of and a part of that certain tract of land out of Outlot 11, Division Z, of the Government outlots adjoining the original City of Austin, Travis County, Texas, according to a map or plat of said Government outlots on file in the General Land Office of the State of Texas, which certain tract of land was conveyed to James McLean Bell, et ux, by Warranty Deed dated August 31, 1967, of record in Volume 3346 at Page 1790 of the Deed Records of Travis County, Texas; said 2,605 square feet of land being more particularly described by metes and bounds as follows:

BEGINNING at the most southerly northeast corner of the herein described tract of land, same being a point in the east line of said Bell tract of land, same being the west line of that certain tract of land conveyed to Joe Macken, by warranty deed dated March 16, 1935, of record in Volume 517 at Page 219 of the Deed Records of Travis County, Texas, and from which point of beginning the intersection of the south line of West 5th Street with the west line of West Avenue bears N 18° 34' 00" E 197.78 feet and S 17° 28' 00" E 344.03 feet;

THENCE, with said east line of the Bell tract of land, same being said West line of the Macken tract of land, S 18° 34' 00" W 72.10 fcet to the most southerly corner of the herein described tract of land, same being the most southerly corner of said Bell tract of land, same also being the southwest corner of said Macken tract of land, and which point is on the north or northeast bank of Shoal Creek;

THENCE, with the west line of said Bell tract of land, same being said north or northeast bank of Shoal Creek and its meanderings, in a northerly direction with the following two (2) courses:

(1) N 18° 28' 35" W 93.79 feet to a point;

(2) N 06° 46' 00" E 11.60 reet to the northwest corner of the herein described tract of land;

THENCE, with the most northerly north line of the herein described, tract of land, S 71° 36° 45" E 46.46 feet to the most northerly norther east corner of the herein described tract of land;

THENCE, with the most vesterly east line of the herein described tract of land, S 16° 16° 25'' W 13.85 feet to an interior all corner of the herein described tract of land; `

THENCE, with most southerly north line of the herein described tract of land, S 69° 22' 10" E 11.87 feet to the point of beginning.

Said tract of land having been conveyed by James McLean Bell and wife Betry Lydick Bell, and William M. Bell to the City of Austin b, instrument dated January 7, 1981, and of record in Volume 7255, Page 540, Deed Records of Travis County, Texas.

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DEC 22 19A1



SEMPLE COUNTY TONG SOUND CITED STATE OF TEXAS ARE 27-823- 783 • 7.00

COUNTY OF TRAYES

DRAINAGE AND RECREATIONAL TRAIL EASEMENT 2-94-9983

ENOW ALL MEN BY THESE PRESENTS:

That Pete 6. Yescovo, of the County of Travis and State of Texas, hereinafter referred to as Grantors, whether one or more, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, to Grantors in hand paid, by the City of Austin, the receipt and sufficiency of which is hereby acknowledged and confessed, and for which no lien or encumbrance, expressed or implied, is retained, have this day Granted and Conveyed and by these presents do Grant and Convey unto the City of Austin, a municipal corporation situated in the County of Travis, State of Texas, an easement and right-of-may for: (1) the construction and maintenance of a storm water drainage may to consist of an open drainage ditch in, upon and across the herein described property and (2) the construction, operation and maintenance associated with a park greenbelt and pedestrian and bicycle trail in, upon and across the herein described property, to-wit:

All that certain tract, piece or parcel of land, lying and being situated in the County of Travis, State of Texas, described in EXHIBIT "A" attached hereto and made a part hereof for all purposes, to which reference is here made for a more particular description of said property.

TO HAYE AND TO HOLD the same perpetually to the City of Austin, and its successors and assigns, together with the right and privilege at any and all times to enter said premises, or any part thereof, for the purpose of constructing and maintaining said storm water drainageway, and pedestrian and bicycle trail, and for making connections therewith.

IN WITHESS WHEREOF, Grantors have caused this instrument to be executed on this 21 day of AUGUYT 1982

Pere G. Vescovo

ACKNOWLEDGHENT

THE STATE OF TEXAS

COUNTY OF TRAYIS

BEFORE ME, the undersigned, a Motary Public in and for said County and State, on this day personally appeared Pete G. Vescovo, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIYER UNDER MY HAND AND SEAL OF OFFICE.

This the 24 day of AUGUST 1982.

Notary Cubic in and for Travis County, Texas

Hotary (yb)/c in and for Iravis Lounty, lexas
GREDET R. ALTHOFF

(Frint or Type Notary's Name.) My Lemmaron Departs Selection

VOTARY SEAU

DEED RECORDS

CRANTEE MAILING ADDRESS: CITY OF AUSTIN FEIGERTY MANAGEMENT CIV. P. C. RCX 1058 AUSTIN, TEXAS 78367

7841 . 360

EXHIBIT "A"

Pete G. Vescovo to The City of Austin (Open drainageway and hike and bike trail) (Shoal Greek)

FIELD MOTES.

2-94-9984

FIELD NOTES FOR 8,109 SQUARE FRET OF LAND,
SAME BEING OUT OF AND A PART OF THAT CERTAIN
TRACT OF LAND OUT OF OUTLOT 11, DIVISION Z,
OF THE COVERNMENT OUTLOTS ADJOINING THE ORIGINAL
CITT OF AUSTIN, TRAVIS COUNTY, TELAS, ACCORDING
TO A HAP OR PLAT OF SLID COVERNMENT OUTLOTS
ON FILE DE THE GENERAL LAND OFFICE OF THE STATE
OF TELAS, WHICH TRACT OF LAND WAS CONVEYED
TO PETE G. VESCOVO BY WARRANTY DEED DATED ACCUST
10, 1981, OF RECORDS OF TRAVIS COUNTY, TELAS;
SAID 8,109 SQUARE FRET OF LAND BEING MORE PARTICULARLY
DESCRIBED BY HETES AND BOOMPS AS FOLLOWS:

of the herein described tract of land, name being a point in the north line of said Vescovo tract of land, which line is the south line of West 5th Street, and from which point of beginning the intersection of the south line of West 5th Street with the west line of West Avenue bears 3 77° 28' 00° E 370.07 feet;

TEENCE, in a southerly direction with the following two (2) courses:

- (1) 3 310 46° 30° W 12.11 feet to a point;
- (2) S 13° 05° 14° M 169.77 feet to a galvanized pin set at an interior ell corper of smid Yesocvo tract of land, same being the most northerly northeast corper of that certain tract of land conveyed to the City of Justin, a Humicipal Corporation, by warranty deed dated in January 7, 1981, of record in Yoluce 7255 at Page 540 of the Deed Records of Travis County, Texas, for the southeast corper of the herein described tract of land;

THENCE, with the most mortherly south line of the Tencovo tract of land, same being the most mortherly morth line of said City of Austin tract of land, E 71° 36° 45° W 44.65 feet, which distance is described as 46.46 feet in said City of Austin deed, to a galvanized pin set at the most westerly southwest corner of said Tencovo tract of land, same being the morthwest corner of said City of Austin tract of land, for the southwest corner of the berein described tract of land;

THERCE, with the west line of said Vescovo tract of land in a northerly direction with the following two (2) courses:

- (1) H 06° 46' 00" E 81.27 feet to a galvenized pin set;
- (2) E 26⁹ 23' 00" E 98.65 feet to a galvanized pin found at the porthwest corper of said Vescovo tract of land, same being the northwest corper of the berein described tract of land, and which point is in the south line of West 5th Street;

7841 . 361

THENCE, with the north line of said Vascovo tract of land, 5 77° 28° 00° E 34.60 feet to the point of beginning.

FIELD BOTES: David Segura

7-29-82

APPROVED:

2-94-9985

FIELD WORK: M. Kokel

P.B. 3512, Pg. 15,19,26,27

City Engineer

Department of Public Works

CP 53-1108 Section Map 99 Austin Grid 8-22-2

No. 54 8 40 6 22 304

CAPITAL GAS LIGHT COMPANY

DOCUMENT 2

8) "Level II Environmental Investigation Report, Austin Toyota Dealership" prepared by Environmental Engineerings Services, Inc., January 1991



ENVIRONMENTAL ENGINEERING BERVICES INC.

DALLAS 12655 N. Central Expwy. 306 Dallas, Tx 75243 214-239-0773

DETROIT 42201 Ann Arbor Rd. Plymouth, Mi 48170 313-459-6180

December 13, 1990

Mr. Michael Banks Assisstant Vice-President Comerica Bank 211 W. Fort Street Detroit, Michigan 48275-1019

RE: Austin Toyota Dealership

Dear Mr. Banks,

Environmental Engineering Services, Inc. (EES) appreciates the opportunity to propose Level II investigation services at the above referenced property.

EES will drill seven boreholes, to a depth of twenty feet near the underground storage tanks located at the site and sample from the point of greatest contamination and the bottom of the hole for the presence of Total Petroleum Hydrocarbons and Benzene, Toluene, Ethyl benzene, and Xylenes (TPH/BTEX). Two boreholes located downgradient of the UST pit will be completed as temporary monitoring wells and a sample of groundwater will be collected and analyzed for TPH/BTEX.

In addition to the boreholes seven (7) samples will be collected from the soil surface and analyzed for the presence of lead contamination. Finally, samples of material in the three abandoned sumps will be collected and analyzed for the presence of lead, chromium, zinc, pH, TPH and general solvents. A final report will be prepared identifying the results of analysis and recommendations and subsequent cost estimates for remediation, if required. The fee to provide these services will be \$11,375.00.

ز ع در: در:

Please indicate your acceptance of the described services and subsequent fees by signing in the space provided and returning an original copy. If any questions arise, please do not hesitate to contact me or Allene McIntosh at (214)239-0773.

Sincerely,

Sunt McClure

BM/mac fc<u>AN</u>

Accepted by:

Authorized Representative of Comerica Bank-Detroit

Date: 13-17.75

LEVEL II ENVIRONMENTAL INVESTIGATION REPORT

AUSTIN TOYOTA DEALERSHIP 805 WEST FIFTH STREET AUSTIN, TX

Prepared for:
Comerica
Detroit, Michigan

JANUARY 1991

Prepared by:

ENVIRONMENTAL ENGINEERING SERVICES, INC.
12655 N. Central Expressway, Suite 306
Dallas, Texas 75243
(214) 239-0773



ENVIRONMENTAL ENGINEERING SERVICES INC.

DALLAS 12655 N. Central Expwy. '306 Dallas, Tx 75243 214-239-0773

DETROIT 42201 Am Arbor Rd. Phymouth, Mi 48170 313-459-6180

January 29, 1991

Mr. Michael Banks Vice President Comerica 211 West Fort Street Detroit, Michigan 48275-1019

Re: Austin Toyota Dealership 508 West Fifth Street Austin, Travis County, Texas

Dear Mr. Banks:

We have completed our preliminary assessment of the above referenced property. The findings of our work, together with conclusions and recommendations, are presented in the attached report. Environmental Engineering Services, Inc. recognizes Comerica's reliance on the information provided in the report. We will be happy to answer any questions that arise concerning the report. It has been a pleasure to work with you on this project and to serve Comerica, Inc. We look forward to being of continued service.

Sincerely,

Project Geologist

Reviewer

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- 1.0 EXECUTIVE SUMMARY
- 2.0 SCOPE OF INVESTIGATION
- 3.0 SITE DESCRIPTION
- 4.0 INVESTIGATIVE PROCEDURES
- 5.0 GEOLOGICAL AND HYDROGEOLOGICAL SETTING
- 6.0 SAMPLING RESULTS AND OBSERVATIONS
- 7.0 CONCLUSIONS
- 8.0 RECOMMENDATIONS

FIGURES

FIGURE 1 - LOCATION MAP

FIGURE 2 - SITE MAP

FIGURE 3A - SCHEMATIC GEOLOGICAL CROSS-SECTION A-A'

FIGURE 3B - SCHEMATIC GEOLOGICAL CROSS-SECTION B-B'

FIGURE 3C - SCHEMATIC GEOLOGICAL CROSS-SECTION C-C'

TABLES

TABLE 1 - RESULTS OF SOIL ANALYSIS

TABLE 2 - RESULTS OF GROUNDWATER ANALYSIS

TABLE 3 - RESULTS OF SUMP ANALYSIS

APPENDICES

APPENDIX A - BOREHOLE LOGS

APPENDIX B - LABORATORY ANALYSIS

APPENDIX C - CHAIN OF CUSTODY

ENVIRONMENTAL INVESTIGATION REPORT

AUSTIN TOYOTA 805 WEST FIFTH STREET AUSTIN, TX

1.0 EXECUTIVE SUMMARY

An Environmental Investigation was conducted by Environmental Engineering Services, Incorporated for Comerica. The purpose of the environmental investigation was to determine the possible existence of hydrocarbon contamination from the underground storage tanks on the site, sample and test for the presence of heavy metals, and test the contents of the sumps for pH, TPH, organic solvents, and selected heavy metals, lead, chromium, zinc.

This investigation identified the presence of TPH and BTEX in Borehole 7, and TPH in Borehole 5 at levels below the recommended cleanup levels for soils in the Guidance Manual for LPST (Leaking Petroleum Storage Tank) Cleanups in Texas. Lead, nickel, and chromium were detected in all samples analyzed from 0 to 5 feet. In addition, Borehole 6 contained metallic sand and pieces of slag which would indicate that the ironworks had been at least partially on the site. The sumps contained mostly TPH with chromium, zinc, lead, xylene, and 1,1,1 Trichloroethane.

In the best professional judgement of EES, further testing and remediation is required. Although the levels of TPH were less than 20 ppm, the source should be identified and eliminated. Since elevated lead levels are present, samples within one-half mile should be taken and analyzed to determine the background levels for that area. The abandoned sumps should be emptied, cleaned, and closed.

2.0 SCOPE OF INVESTIGATION

The scope of services for this project was to determine the presence of subsurface hydrocarbons from the underground storage tanks on the site, determine the presence of heavy metals from an ironworks that was located on or near the property, and determine the composition of the unused sumps. The presence of hydrocarbons was to be detected by drilling seven boreholes to 20 feet and installing two temporary monitoring wells. Subsurface soil samples were to be taken tested for benzene, toluene, ethyl benzene, and xylene (BTEX) and total petroleum hydrocarbons (TPH). A near surface sample was to be collected and analyzed for total metals, chromium, lead, molybdenum, and zinc. The groundwater was to be sampled from the temporary monitoring wells and tested for BTEX and TPH. In addition, sump samples were to be sampled and tested for pH, Chromium, Lead, Zinc, TPH, and solvents.

3.0 SITE DESCRIPTION

The property, located at 805 West Fifth Street, is an auto sales and repair complex. Parking lots filled with cars surround the buildings on the site. The Level I inspection by EES, Inc. reported underground storage tanks and abandoned sumps present on the site and the possibility than an ironworks had been located on or adjacent to the property.

4.0 INVESTIGATIVE PROCEDURES

Borehole Locations

On January 8 and 9, 1991, a total of seven boreholes were drilled on the site (see Figure 2). The borehole locations were chosen to obtain representative samples upgradient and downgradient from the underground storage tanks on the property. Borehole 1 was the upgradient control well. Boreholes 2 through 7 were drilled in downgradient positions to USTs (see Figure 2). Borehole 3 and 4 were located downgradient of a UST that was abandoned in place, filled with sand. Borehole 5 was located downgradient from a hydraulic lift reported by Mr. Apple to leak. Borehole 7 was located in the lower portion of the site and downgradient from a drain in the parking lot and Sump 2. Borehole 2 was located north of the building containing four hydraulic lifts.

Continuous core samples were taken, described, screened with a photoionization detector (PID), and samples collected. Two samples per borehole were retained for analysis of potential hydrocarbons. Samples for analysis were taken at the highest PID reading and at the bottom of each borehole. In addition, a near surface sample was taken for heavy metal analysis.

Drilling Procedures

On January 8 and 9, 1991, seven boreholes were drilled on the site. The boreholes were drilled with a truck mounted rotary drill rig equipped with a seven inch diameter hollow stem auger. Continuous core samplers were taken during drilling. To prevent cross contamination, all augers and rods were steam cleaned prior to initiation of the work and between boreholes. The samplers were also steam cleaned between samples. Petroleum based lubricants were not allowed on the drill rod or auger connections. To prevent cross contamination, the pump and bailers were cleaned with soap and water prior to groundwater sampling.

One temporary monitoring well was installed in Borehole 3 to obtain a water sample for analysis. The well was constructed using 2-inch flush joint Schedule 40 PVC pipe. To accurately measure the depth to the water table and the presence of free product, a 2-inch diameter, 0.01 inch factory slotted PVC well screen was installed from approximately five feet above the apparent water table to the bottom of the borehole (i.e. from 10 feet to 20 feet). The screen was surrounded by a sand pack from the bottom of the borehole to two feet above the top of the screened interval. The remaining annular space was left open.

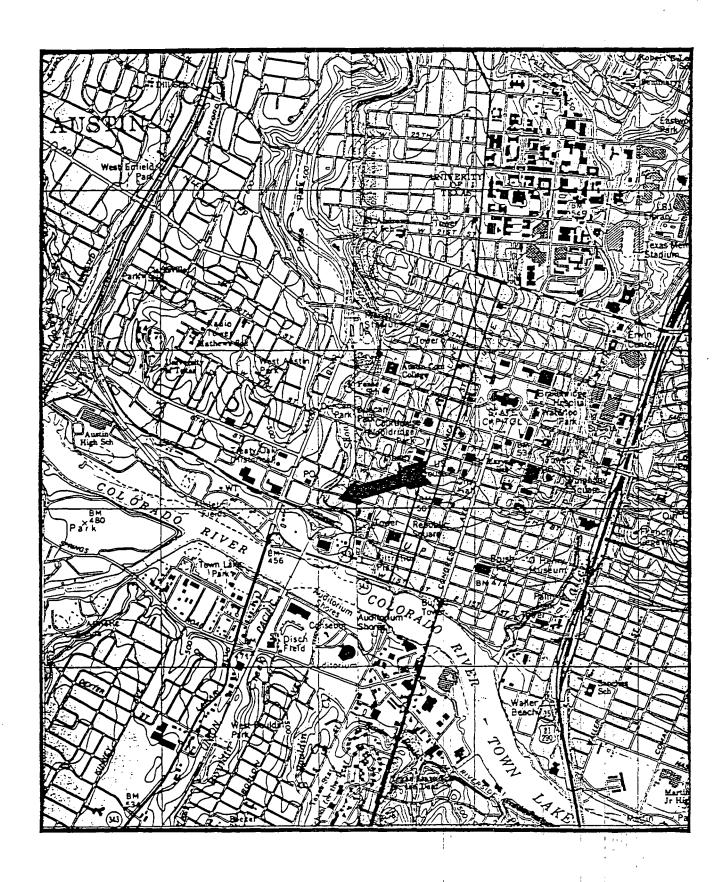


FIGURE 1 LOCATION MAP

7.5 MINUTE QUADRANGLE AUSTIN, TEXAS

SCALE: 1''=2000'

10' CONTOUR INTERVAL



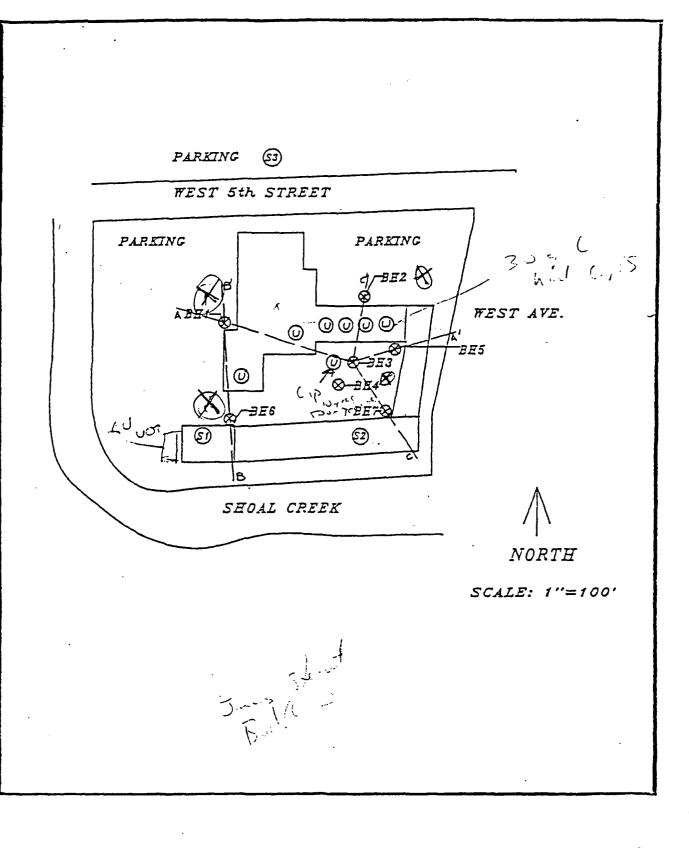


FIGURE 2

SITE MAP



The temporary well was developed by pumping to dislodge and remove drilling detritus and loose soil particles. In the development of the temporary monitoring well, the water was pumped until it became clear. A bottom-filling stainless steel bailer was used to collect the water sample.

The second water sample was to be obtained from Borehole 7, but no water was produced in the well.

Sump sampling

The sumps and pit were sampled using sterile hollow glass tubes approximately three feet long.

Sampling Analysis

Soil samples for chemical analysis were collected in laboratory-prepared glass sample containers with Teflon-lined lids and stored in iced coolers until delivery to the analytical laboratory. Chain-of-custody protocol was followed for all samples collected. Soil samples were analyzed by an independent laboratory for benzene, toluene, ethyl benzene, and xylene (BTEX) using EPA method 8020 and for total petroleum hydrocarbons (TPH) using EPA method 418.1. One sample from each borehole was analyzed for total metals, chromium, lead, molybdenum, and zinc.

The water sample was placed in sterile one-liter glass containers and 80 ml VOA sample vials. The water sample was analyzed by an independent laboratory for BTEX and TPH using EPA methods 602 and 8020.

The sump sludge was put into laboratory-prepared glass sample containers with Teflon-lined lids and stored in iced coolers until delivery to the analytical laboratory. The sump sludge was analyzed for pH, Chromium, Lead, Zinc, TPH (EPA method 418.1), and organic solvents (EPA method 8240).

5.0 GEOLOGICAL AND HYDROGEOLOGICAL SETTING

The site is located in a bend of Shoal Creek, a tributary to the Colorado River. Except for that portion of the site within the creek bed, the site slopes away from the creek.

The lithologies encountered in the boreholes are shown in Figures 3a, 3b, and 3c and Appendix A. Two layers of lithology were encountered. The first three to four feet are sandy clay and appear to be flood events associated with Shoal Creek. From four feet to the bottom of the borehole is a marl. The contact between the two is sharp. The marl changes gradually with depth from a brown to a red-brown color. The upper nine feet of Borehole 6 were extremely different. No sandy clay was encountered. A sand containing metallic fragments and slag was present from approximately 4 feet to 9 feet.

SANDY CLAY MARL water

> FIGURE 3a SCHEMATIC GEOLOGIC CROSS SECTION



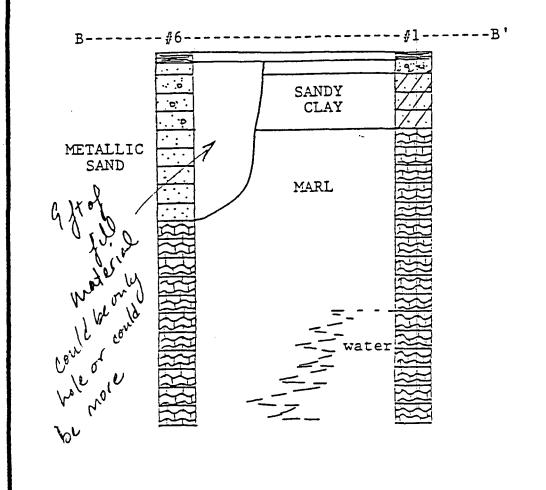


FIGURE 3b SCHEMATIC GEOLOGIC CROSS SECTION



SANDY CLAY MARL water :

FIGURE 3c SCHEMATIC GEOLOGIC CROSS SECTION



6.0 SAMPLING RESULTS AND OBSERVATIONS

The sample results reported in mg/Kg, ug/g (microgram per gram), and mg/L are the same as parts per million (ppm). The sample results reported in ug/L (micrograms per liter) are the same as parts per billion (ppb).

Borehole #1

This borehole was advanced to 20 feet. No hydrocarbon odors were detected in the cores. The photoionization detector (PID) registered no concentrations of organic vapors. Water was encountered at 14 feet below the surface. Soil samples were taken at 10 feet and at 20 feet. The results of the analysis of the soil samples showed no detectable concentrations of TPH or BTEX (see Table 1 and Appendix B). Total metals were detected in the 0-1 foot sample: 268 ppm lead, 11 ppm nickel, and 9.5 ppm chromium.

Borehole #2

This borehole was advanced to 20 feet. No hydrocarbon odors were detected in the cores. The photoionization detector (PID) registered no concentrations of organic vapors. Water was encountered at 14 feet below the surface. Soil samples were taken from 4, 14, and 20 feet. The results of the analysis of the soil samples showed no detectable concentrations of TPH or BTEX in the 14 and 20 foot samples (see Table 1 and Appendix B). Total metals were detected in the 4 foot sample: 148 ppm lead, 11.2 ppm nickel, and 10.3 ppm chromium.

Borehole #3

This borehole was advanced to 20 feet. No hydrocarbon odors were detected in the cores. The photoionization detector (PID) registered no concentrations of organic vapors. Water was encountered at 14 feet below the surface. Soil samples from 4 feet, the 11-15 foot interval, and 20 feet and a water sample were taken. The results of the analysis of the 11-15 foot and 20 foot soil samples and the water sample showed no detectable concentrations of TPH or BTEX (see Tables 1, 2, and Appendix B). Total metals were detected in the 4 foot sample: 98.2 ppm lead, 7.0 ppm nickel, 8.0 ppm chromium.

Borehole #4

This borehole was advanced to 20 feet. No hydrocarbon odors were detected in the cores. The photoionization detector (PID) registered no concentrations of organic vapors. Water was encountered at 14 feet below the surface. Soil samples from 0-1, 14, and 20 feet were taken. The results of the analysis of the 14 and 20 foot soil samples showed no detectable concentrations of TPH or BTEX. Total metals were detected in the 0-1 foot sample: 23.9 ppm lead, 18.4 ppm nickel, 15.2 ppm chromium.

Borehole #5

This borehole was advanced to 20 feet. No hydrocarbon odors were detected in the cores. The photoionization detector (PID) registered no concentrations of organic vapors. Water was encountered at 14 feet below the surface. Soil samples were taken from 0-1, 5-15, and 20 feet. The results of the analysis of the 5-15 foot soil sample showed 13 ug/g of TPH and no detectable BTEX (see Table 1 and Appendix B). The

								
	TABLE 1 SOIL TEST RESULTS							
BOREHOLE	DEPTH (feet)	TPH (ug/g)	BTEX (ug/g)	METALS ug/g *** Cr Pb Mb Ni				
1	0-1 10 20	NT < 10 * < 10	NT < 0.62** < 0.62	9.5 268 <10 11.0 NOT TESTED NOT TESTED				
2	4 14 20	NT < 10 < 10	NT < 0.62 < 0.62	10.3 148 <10 11.2 NOT TESTED				
3	4 11-15 20	NT < 10 < 10	NT < 0.62 < 0.62	8.0 98.2 <10 7.0 NOT TESTED				
4	0-1 14 20	NT < 10 < 10	NT < 0.62 < 0.62	15.2 23.9 <5.0 18.4 NOT TESTED				
5	0-1 5-15 20	NT 13 < 10	NT < 0.62 < 0.62	8.5 52.1 <10 9.0 NOT TESTED				
6	5 10-15 20	NT < 10 < 10	NT < 0.62 < 0.62	6.0 90.1 <10 11.4 NOT TESTED				
7	4-5 14-15 20	NT 19 < 10	NT < 0.62 < 0.62	6.3 86.7 <10 6.8 NOT TESTED				

- * Detection limit for TPH is 5 ug/g.
- ** Detection limits for BTEX are 0.62 ug/g
 (microgram/gram).
- *** Detection limit for metals is 5.0 ug/g, except for Mb which had a detection limit of 10 ug/g in most samples.

TABLE 2 GROUND WATER TEST RESULTS							
SOURCE	TPH (mg/L)	BTEX (ug/L)					
BH 3	< 1.0	< 0.005					



20 foot sample showed no detectable concentrations of TPH or BTEX (see Table 1 and Appendix B). Total metals were detected in the 0-1 foot sample: 52.1 ppm lead, 9.0 ppm nickel, 8.5 ppm chromium.

Borehole #6

This borehole was advanced to 20 feet. No hydrocarbon odors were detected in the cores. The photoionization detector (PID) registered no concentrations of organic vapors. Soil samples were taken from 5, 10-15, and 20 feet. The results of the analysis of the soil samples showed no detectable concentrations of TPH or BTEX (see Table 1 and Appendix B). Total metals were detected in the 5 foot sample, 90.1 ppm lead, 11.4 ppm nickel, 6.0 ppm chromium.

Borehole #7

This borehole was advanced to 20 feet. Hydrocarbon odors and staining were detected in the 14-20 foot interval. The photoionization detector (PID) registered concentrations of organic vapors. Soil samples were taken from 4-5, 14-15, and 20 feet. The results of the analysis of the 14-15 foot soil sample showed 19 ppm TPH and 1.9 ppm BTEX (see Table 1 and Appendix B). No BTEX or TPH was detected in the 20 foot sample. Total metals were detected in the 4-5 foot sample: 86.7 ppm lead, 6.8 ppm nickel, 6.3 ppm chromium.

Sump 1

The sump had a viscous material overlying sludge. Samples of both were taken. Analysis revealed a pH of 6.9, 0.5 ppm lead, 2.2 ppm zinc, and 4,600 ppm TPH. No solvents or chromium were detected (see Table 3).

Sump 2

The sump had a viscous material overlying sludge. Samples of both were taken. Analysis revealed a pH of 7.0, 29.9 ppm lead, 36.3 ppm zinc, 0.92 ppm chromium, 56,100 ppm TPH, and 12.8 ppm Xylene (see Table 3).

Sump 3

The sump had a viscous material overlying sludge. Samples of both were taken. Analysis revealed a pH of 7.4, 1.9 ppm lead, 46.3 ppm zinc, 0.98 ppm chromium, 2,250 ppm TPH, 0.65 ppm 1,1,1 Trichloroethane, and 1.2 ppm Xylene (see Table 3).

TABLE 3 SUMP ANALYSIS									
SUMP	рΗ	Cr mg/L	Pb mg/L	Zn mg/L	TPH mg/L	8240 ug/g			
1	6.9	<0.04	0.5	2.2	4,600	BDL			
2	7.0	0.92	29.9	36.3	56,100	XYLENE 12.8			
3	7.4	0.98	1.9	46.3	2,250	1,1,1 TCA 0.65 XYLENE 1.2			

BDL = below detection limits *Detection limits for 8240 vary, see Appendix B.



7.0 CONCLUSIONS

The results obtained from the soil and water samples indicate the presence of 19 ppm TPH and 1.6 ppm BTEX in the soil from Borehole 7, and 13 ppm TPH in the soil from Borehole 5. The presence of TPH, BTEX, the soil discoloration, and odor indicate that a leak has occurred. Because of the large number of potential sources, the source of the TPH and BTEX is not clear. In Borehole 5, the most likely source is the hydraulic lift inside the building north of Borehole 5. Borehole 7 has several potential sources, a hydraulic lift, a sump, and a drain located approximately 20 feet north of the Borehole. The TPH and BTEX present in Boreholes 7 and 8 are below the recommended cleanup levels for soils in the Guidance Manual for LPST (Leaking Petroleum Storage Tank) Cleanups in Texas, 100 ppm TPH, 30 ppm BTEX.

Elevated levels of lead, 23-268 ppm, were present in the 0-4 foot interval that was tested. The first nine feet of soil in Borehole 6 are interpreted as part of the slag or detritus pile from the ironworks.

The sumps contain TPH with zinc, lead, chromium, xylene, and 1,1,1 Trichloroethane.

8.0 RECOMMENDATIONS

It is recommended that the reported leaking hydraulic lift and associated storage tank be removed. It is also recommended that the unused sumps be emptied, cleaned, and closed as they are a potential source of contamination.

Lead is present in all samples analyzed. It is recommended that several samples be taken within a half-mile radius to determine background levels for this particular area. In addition, a TCLP test should be run on the samples containing the heavy metals. This determines the amount of lead that would be leached into the ground water.

In the best professional judgement of EES, further testing is required. The estimated cost of further testing is on the order of \$12,000.00 to \$17,000.00.

-hydrondic Biles

ib his case



LOG OF BORING NO.__#1

	433		S	T A R T O R I N O R E H O T A L	0 _ 1COM12 DATE _ 1/8/91 G METHOD _ HS! OLE SIZE _ 7 1/2" DEPIH 20' CE ELEV
LITE	. SOIL/ROCK DESCRIPTION D	HT93(PID	REMARKS
9.4	6" concrete, 6" sand and gravel.	1 0			Sample analyzed - n.
	Red brown sandy clay with limestone cobbles.	0 N 7 I	NONE	0	
	Brown marl, grades to red-brown marl with depth. Shells and shell fragments are present	N	NONE	0	
MARKETE STATES	·	C 0 R	NONE	0	10' sample analyzed
ANTERES.		E E	NONE .	0	
			NONE	0	20' sample analyze:
NOTE AT C AFTE	R LEVEL DATA D ON RODSFT OMPLETIONFT RHRSFT APPARENT WATER LEVEL STABILIZED WATER LEVEL	S A N D S I L T	CLAY LIMESTON CALICHE MARL	2	- SHELBY TUS - SPLIT SPOO - SOIL PROSE - NONE DETEC



LOG OF BORING NO. #

	•				•		_
	CLIENT <u>Comerica</u>						0 _ 1COM12 -
	PROJECT NAME Austin Toyoto						DATE 1/8/91
	PROJECT LOCATION ROS West Fifth Str	oot Aus	tio. IX				G METHOD HS
	BORING LOCATION See Figure 2						OLE SIZE 71
	SUPERVISOR Allene McIntosh						DEPTH 20'
	GEOLOGIST Allene McIntosh				- 2	URFA	CE ELEV
				VELL.			-
LITH	. SOIL/ROCK DESCRIPTION					PID	
		2	AMPLI	E DATA	0 D O R	bbæ	S E W Y S K 2
	5" concrete, 6" sand and gravel.			l .	1	1	<u> </u>
9744		- 1 -	С		1		_
<u> </u>	Red brown sandy clay with limestone cobbles.		0]		_	1
1/:/.			N		NONE	0	_
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PAT I	Brown marl, grades to red-brown marl with	. [I	[Sample analyzed
77	depth. Shells and shell fragments are presen	it.	N		NONE	0	metals.
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	R LEVEL DATA	CONG	LOMER	ATE CL.	AY	5 7	- SHELBY TU
	O ON RODSFT						- SPLIT SP^
	OMPLETIONFT	SAND			MESTON	E 2 b	- SOIL PRO
AFTER	R—HRS			[ক্তুব		N D	- NONE DET
	APPARENT WATER LEVEL	SILI		CA1	LICHE		
> 3	STABILIZED WATER LEVEL			653			

3 H A L E

MARL



LOG OF BORING NO. #3

	CLIENT COMERICA PROJECT NAME Austin Toyoto PROJECT LOCATION ROS West Fifth Str BORING LOCATION See Figure 2 SUPERVISOR Allene McIntosh GEOLOGIST Allene McIntosh		in, TY	WELL	S B T	TARI ORIN OREH OTAL	NO. 1COM12 T DATE 1/R/91 NG METHOD #5: HOLE SIZE 7 1. DEPTH 20' NCE ELEV.
LITH	SOIL/ROCK DESCRIPTION	D E P T H	MPLE	ONSTRUCTI DATA	0 N O O R	PID	
الم الم	6" concrete, 6" sand and gravel.	T.T				T	1
	Red brown sandy clay with limestone cobbles.		C O N T	2" PVC RISER	NONE	0	Sample analyzed
	Brown marl, grades to red-brown marl with depth. Shells and shell fragments are presen	t -	N U O	PIPE	NONE	0	metals.
REPERE			U S		NONE	0	11-15' interval- sample analyzed
			E sa		1 1	0	Sample analyzes
					NONE	0	20' sample analy
NOTED AT CO AFTER ◆ A	LEVEL BATA ON RODSFT MPLETIONFT HRSFT PPARENT WATER LEVEL TABILIZED WATER LEVEL	SAND	MERAT	E CLA LIM EZZE CAL MAR	ESTONE ICHE	2 S P	- SHELBY T - SPLIT S? - SOIL PRO - NONE DET.



LOG OF BORING NO. 44

client Comerica			B NO1COM12 -
PROJECT NAME Austin Toyoto		. 51/	ART DATE 1/8/91
PROJECT LOCATION 805 Vest Fifth Street	Austin, TX	. BOF	RING METHOD BALL
BORING LOCATION <u>See Figure 2.</u> SUPERVISOR <u>Allene McIntosh</u>		. BOF	REHOLE SIZE 7 1/
GEOLOGIST Allene McIntosh		. 101	AL DEPTH 20'
GEOLOGIST Attend Hethrosis		. 201	FACE ELEV
LITH. SOIL/ROCK DESCRIPTION DEP	WELL TH CONSTRUCTIO	N P	
6" concrete, 6" sand and gravel.	c		-
Red brown sandy clay with limestone cobbles.	0 N T	NONE	Sample analyzed _ metals.
Brown marl, grades to red-brown marl with depth. Shells and shell fragments are present.	I N	NONE	0
	0 U S		-
	C 0 R	NONE	0
	E	NONE	0 14' sample analy:
		NONE	O 20' sampple anal
			25 Sompple and
NOTED ON RODSFT	GLOMERATE CLA		ST - SHELBY T SS - SPLIT SP
AT COMPLETIONFT		3 N O T Z 3	SP - SOIL PROB ND - NONE DET
STABILIZED WATER LEVEL			



LOG OF BORING NO. #5

	CLIENT Comerica				J	0 B N	10 _ 1COM12
	PROJECT NAME Austin Tovoto						DATE_1/8/91
	PROJECT LOCATION ROS West Fifth Stree	+ 4115	tin. TX		B	ORIN	G METHOD HSA
	BORING LOCATION See Figure 2						OLE SIZE 7 1/2"
	SUPERVISOR Allene McIntosh				T	OTAL	DEPTH 20'
	GEOLOGIST Allene McIntosh						CE ELEV
							· · · · · · · · · · · · · · · · · · ·
LITH	. SOIL/ROCK DESCRIPTION D		I AMPLE	WELL CONSTRUC DATA	TION	PIO PP=	
9,4	6 ⁿ concrete, 6 ⁿ sand and gravel.	1	С				Sample analyzed - :
	Red brown sandy clay with limestone cobbles.		0 N T		NONE	0	
K:	Page 2022 and a sed base 2022 its	1.	I				
	Brown marl, grades to red-brown marl with depth. Shells and shell fragments are present.		N		NONE	. 0	
	·		0 u S				5-15' interval analyzed.
			С		NONE	0	
			0 R				
			Ε		NONE	0	
	ullet				NONE	J	
題					NONE	0	
		20					20' sample analyzed
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		\vdash					
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			ł				
	R LEVEL DATA O ON RODSFT	ONGL	.OMERA	TE Z	CLAY	T 2	- SHELBY TUE
AT CO	OMPLETIONFT DISCUSS S.	AND			LIMESTON	2 2 9 2	- SOIL PROBE
■ A	R HRS. FT APPARENT WATER LEVEL	ILT		-07F	CALICHE	מא	- NONE DETEC
> S	TABILIZED WATER LEVEL S						
	<u> </u>		•		MAKL		



LOG OF BORING NO. 45

CLIENT Comerica PROJECT NAME Austin Toyoto PROJECT LOCATION 805 West BORING LOCATION See Figure SUPERVISOR Allene McIntosh GEOLOGIST Allene McIntosh	t Fifth Street Austin, TX	S T A R B O R T B O R E T O T A S U R F	NO
SOIL/ROCK DESCRIP	PTION DEPTH CONS	WELL STRUCTION PI DATA ODOR PP	
Dark gray metallic "sand". Slag proceed Interbedded with rust colored metal		NONE O	5' sample analyze metals.
Brown marl. Grades into a red-brown depth. Large limestone casts are practice at 20°.		NONE O	10-15' sample an
	20	NONE	20' sample analy
			-
WATER LEVEL DATA NOTED ON RODSFT AT COMPLETIONFT AFTERHRSFT APPARENT WATER LEVEL STABILIZED WATER LEVEL		LIMESTONE S	T - SHELBY T S - SPLIT SP P - SOIL PROB D - NONE DETF



LOG OF BORING NO. #7

	CLIENT Comerica PROJECT NAME Austin Toyoto PROJECT LOCATION 805 West Fifth Street Austin, TX BORING LOCATION See Figure 2 SUPERVISOR Allene McIntosh GEOLOGIST Allene McIntosh			JOB NO. 1COM12 START DATE 1/8/91 BORING METHOD HSA BOREHOLE SIZE 7 1/2" TOTAL DEPTH 20' SURFACE ELEV.			
LITH	. SOIL/ROCK DESCRIPTION D			WELL CONSTRUCTI DATA			
	6" concrete, 6" sand and gravel.						
ZZ	Red-brown sandy clay with limestone cobbles.				NONE	0	
部開	Brown marl, grades to red brown marl with depth. Shells and shell fragments are present.	3.5-			NONE	0	Sample analyzed - metals.
HEIRIN			·		NONE	0	
MENERAL PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PR					Strong		Staining in the co from 14'-20'. 14-15' interval
图					Moderat	e	analyzed.
PSG.	·	20			Slicht		20' sample analyze
				7777			
NOTED AT CO AFTER	C LEVEL DATA O ON RODSFT OMPLETIONFT PPARENT WATER LEVEL TASILIZED WATER LEVEL S	AND	0 M E R 3		ESTON	2 2 9 2 3	- SPLIT PROBE- SOIL PROBE- DSIED BRON-



NATIONAL ENVIRONMENTAL TESTING, INC.

NET Gut Coat, inc. Dailas Division 1548 Valwood Parkway Suite 118 Carrollton, TX 75006 Tel: (214) 406 8100 Fax: (214) 48 -2969

ANALYTICAL REPORT

Mailing Address: P.O. Box 515496 Dallas, TX 75481

ALLENE MCINTOSH ENVIRONMENTAL ENG SERVICES 12655 N Central Expressway Suite 306

Job No.: Sample No:

903000 157106-1\$7130

Page: 1

01-29-91

Dallas TX 75243

PROJECT NAME: ICOM 12 Sample Description:

Date Received: 01-11-91

157106 BH-7 14-15

Taken: 01-09-91

19 na/a Total Petroleum Hydrocarbon 1.5 ug/g Eenzene < 0.62 ug/g Ethyl benzess < 0.62 ug/g Toluene < 0.52 **49/**9 d-Xylene m,p-Xylenes < 0.62 ug/g

157107

\$H-7 20

Taken: 01-09-91

< 10 ug/g Total Petrojeum Hydrocarbon < 0.62 ug/g Benzene < 0.62 ug/g Ethyl benzehe ug/g < 0.62 Toluene < 0.62 ug/g o-Xylene < 0.62 ug/g m, p-Xylenes

ALLENE MCINTOSH
ENVIRONMENTAL ENG SERVICES
12655 N Central Expressway
Suite 306

01-29-91 Job No.: 903000

Sample No: 157106-157130

Page: 2

Dallas TX 75243

Sample Description: PROJECT NAME: ICOM 12

Carried BB Commission (1978) 1970 (1974) 1974 (1974) 1974

Date Received: 01-11-91

157108 EH-3 WA, WB, VA, VB Taken: 01-08-91

< 1 mg/L Total Petroleum Hydrocarbon < 0.005 mg/L Benzene < 0.005 mg/L Ethyl benzene Toluene < 0.005 mg/L o-Xylene < 0.005 mg/L m, p-Xylenes < 0.005 mg/L

157109 LH-3 20

Taken: 01-03-91

< 10 ug/g Total Petrojeum Hydrocarbon < 0.62 ug/g Benzene Ethyl benzere < 0.62 ug/g < 0.62 na/a Taluena < 0.62 q-Xylene ug/g m, p-Kylenes < 0.62 ug/g

57130

(TAL ENG SERVICES tral Expressway		.: 903000 :No: 157106-
Sample Desc	ription: PROJECT NAME:	ICOM 12	
Date Recei	/ed: 01-11-91		
157110	BH-4 0-1 Taken: 01-08-91		
Chromium Lead		15.2 23.9	ug/g ug/g
Molybdenum Wickel		< 5.0 13.4	π 3 \ 3
157111	BH-4 14 Taken: 01-08-91		·
Total Petro Benzene	oleum Hydrocarbon	< 10 < 0.62	ug/g ug/a
Ethyl benze	ene	< 0.62 < 0.62	ug/g
o-Xylene m,p-Xylene	•	< 0.62 < 0.62	ug/g
			-5/5
157112	2H-4 20 Taken: 01-08-91		
Benzene	otenw uldtocatbou	< 0.62	ла\а пл\я
Ethyl benze	ene	< 0.62 < 0.62	ug/g
c-Xylene m,p-Xylene	5	< 0.62 < 0.62	na\a na\a

ALLENE MCINTOSH ENVIRONMENTAL ENG SERVICES 12655 N Central Expressway

01-29-91 Job No.: 903000

Sample No: 157106-157130

Pago: 4

Dallas TX 75243

Rample Desdription: PROJECT NAME: ICOM 12

Date Received: 01-11-91

157113 BH-5 0-1

Taken: 01-08-91

Chromium 8.5 ug/g Lead 52.1 ug/g Molybdenum < 10.0* ug/g Nickel 9.0 ug/g

BK-5 5-10, 10-15 157114 Takes: 01-38-91

13 ug/g Total Petroleum Hydrocarbon Benzene < 0.62 na/a Ethyl benzene < 0.62 ug/g # 0.62 ug/g Toluana < 0.62 o-Xylene na/a < 0.62 nd/d m,p-Xylenes

* High detection limit due matrix interference.

PTTENE WOTHLORK U1-57-71 Job No.: 903000 ENVIRONMENTAL ENG SERVICES 157106-157130 12655 N Central Expressway Sample No: Page: 5 Suite 306 BALLAS TX 15243 Sample Description: PROJECT NAME: ICOM 12 Date Received: C1-11-91 157115 BH~5 20 Taken: 01-06-91 Total Petroleum Hydrocarbon < 10 ug/g < 0.62 ug/gBenzene < 0.62 Ethyl benzehe ug/g < 0.62 ug/g Toluene < 0.62 ug/g o-Xylene < 0.62 ug/gm, p-Xylenes BH-6 5 157116 Taken: 01-08-91 Chromium 6.0 ug/g 90.1 ug/g Lead < 10.0* ug/g Molybdenum Nickel 11.4 ug/g BH-6 10-15 157117 Taken: 01-08-91 < 10 ug/g Total Petroleum Hydrocarbo < 0.62 ug/gBenzana < 0.62 ug/g Ethyl benzene < 0.62 ug/gToluene < 0.62 ug/g p-Xylene < 0.62 m,p-Xylenes ug/g * High detection limit due to matrix interference.

WINDLINGS WELVINS

ALLENE MUTATUSH ENVIRONMENTAL ENG SERVICES 12655 N Central Expressway Suite 306

01-29-91

Job No.: 903000

Sample No: 157106-157130

Page: 6

Dallas TX 75243

Sample Description: PROJECT NAME: ICOM 12

Date Received: 01-11-91

157118

BH-6 20

Taken: 01-08-91

· 10 · 0.32 Tula) ™തി വിത്യന് ജ്യിസ്രമറിയാം שלשוו nd/d na/,a Delivelle Ethyl benzene < 0.62 Toluene 4 0.62 ଅଗ୍ର m,p-Xylenes < 0.62 ug/g

157119

BH-7 4-5

Taken: 01-09-91

Chrcmium Lead Molybdenum Nickel

6.3 ug/g86.7 ug/g < 10.0 * ug/g

6.8 ug/g

* High detection limit due to matrix interference.

1		•		
Acetone			< 1.2	ug/g
Acrolein			< 2.5	ug/g
Acrylonitri	le		< 2.5	ug/g
Benzene		•	< 0.62	ug/g
Bromodichla	romethane	•	< 0.62	ug/g
Bromeform			< 0.62	ug/g
Bromomethan	ie	•	< 1.2	ug/g
2-Butanone	(MEK)		< 2.5	ug/g
Carbon dist	lfide	•	< 0.62	ug/g
Carbon Tetr	achloride		< 0.62	ug/g
Chlorobenze	ene		< 0.62	ug/g
Chloroethar	ae		< 1.2	ug/g
2-Chloroet	ylvinyl ether		< 2.5	ug/g
Chloroform		•	< 0.62	ug/g
Chlorometha	ine		< 1.2	ug/g
Dibromochl	romethane		< 0.62	ug/g
Dibromomet	ane		< 0.62	nd/d

^{*} High detection limit due to dilution.

ALLENE MCINTOSH
ENVIRONMENTAL ENG SERVICES
12655 N Central Expressway
Suite 306

01-29-91 Job No.: 903000

Sample No: 157106-157130

Page: 8

Dallas TX 75243

Sample Description: PROJECT NAME: ICOM 12

Date Received: 01-11-91

157120 SUMP 1

Taken: 01-09-91

1,4-Dichlofo-2-butene < 0.62 ug/gug/g 1,1-Dichlotoethane < 0.62 < 0.62 1,2-Dichloroethane ug/g < 0.62 |1,1-Dichlotoethylene ug/g trans-1,2-Dichloroethylene 1,2-Dichloropropane < 0.62 ug/g < 0.62 ug/g cis-1,3-Dichloropropene < 0.62 ug/g < 0.62 trans-1,3-pichloropropene ug/g < 0.62 Ethyl benzene ug/g < 0.62 Ethyl methacrylate ug/g < 2.5 2-Hexanone ug/g < 0.62 Iodomethane ug/g Methylene chloride < 0.62 ug/g 4-Methyl-2-pentanone (MIBK) < 0.62 ug/g < 0.62 ug/g < 0.62 1,1,2,2-Tetrachloroethane ug/g < 0.62 Tetrachlorpethylene ug/g < 0.62 ug/g Toluene 1,1,1-Trichloroethane < 0.62 ug/g < 0.62 1,1,2-Trichloroethane ug/g < 0.62 Trichloroethylene ug/g < 0.62 Trichlorofluoromethane ng/a < 0.62 ug/g 1,2,3-Trichloropropane < 0.62 ug/g Vinyl acetate < 1.2 ug/g Vinyl chloride < 0.62 o-Xylene ug/g < 0.62 ug/g m,p-Xylenes

ALLENE MCINTOSH ENVIRONMENTAL ENG SERVICES 12655 N Central Expressway Suite 306 Dallas TX 75243

01-29-91 Job No.: 903000

Sample No: 157106-157130

Page: 9

Sample Description: PROJECT NAME: ICOM 12

Date Received: 01-11-91

157121 SUMP 2

Taken: 01-09-91

7.0 units pН Chrcmium mq/L 0.92 Lead 29.9 mg/L Zinc 36.3 mg/L Total Petroleum Hydrocarbon 56,100 mg/L

VOLATILES/HETHOD 8240

< 1.2 ug/g Acetone < 2.5 ug/g Acrolein < 2.5 Acrylonitrile ug/g < 0.62 ug/g Bromodichloromethane < 0.52 ug/g Bromoform < 0.62 ug/g Bromomethane < 1.2 ug/g < 2.5 2-Butanone (MEK) ug/g

01-29-91

Page: 10

Job No.: 903000

Sample No: 157106-137130

ALLENE MCINTOSH ENVIRONMENTAL ENG SERVICES 12655 N Central Expressway

Suite 306

Dallas TX 75243

Sample Description: PROJECT NAME: ICOM 12

Date Received: 01-11-91

157121 \$UMP 2

Taken: 01-09-91

darbon disulfide < 0.62 ug/g< 0.62 ug/gCarbon Tetrachloride Chlorobenzene < 0.62 ug/g Chloroethane 2-Chloroethylvinyl ether < 1.2 ug/g < 2.5 ug/g Chloroform ug/g < 0.62 < 1.2 ug/g Chloromethane < 0.62 Dibromochloromethane ug/g < 0.62 ug/g Dibromomethane 1,4-Dichloro-2-butene < 0.62 ug/g 1,1-Dichlorpethane < 0.62 ug/g 1,2-Dichlorpethane < 0.62 ug/g < 0.62 .,1-Dichlorbethylene ug/g < 0.62 trans-1,2-Dichloroethylene ug/g 1,2-Dichloropropane cis-1,3-Dichloropropene < 0.62 ug/g < 0.62 ug/g trans-1,3-Dichloropropene < 0.62 ug/g < 0.62 ug/gEthyl benzehe < 0.62 ug/g Ethyl methacrylate < 2.5 ug/g2-Hexanone < 0.62 ug/g Iodomethane < 0.62 ug/g Methylene chloride

ALLENE MCINTOSH ENVIRONMENTAL ENG SERVICES 12655 N Central Expressway

Suite 306

Dallas TX 75243

01-29-91

Job No.: 903000

157106-157130 Sample No:

Page: 11

Sample Description: PROJECT NAME: ICOM 12

Date Received: 01-11-91

157121 SUMP 2

Taken: 01-09-91

4 methyl-2-pentanone (MIBK) < 0.62 ug/g Styrene < 0.62 ug/g < 0.62 1,1,2,2-Tetrachloroethane ug/g Tetrachloroethylene < 0.62 ug/g < 0.62 Toluene ug/g 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethylene < 0.62 ug/g < 0.62 ug/g < 0.62 ug/g Trichlorofluoromethane < 0.62 ug/g 1,2,3-Trichlpropropane < 0.62 ug/g < 0.62 ug/g Vinyl acetate Vinyl chloride < 1.2 ug/g < 0.62 o Xylene ug/g 12.8 m p-Xylenes ug/g

01-29-91 ATLENE MCINTOSH ENVIRONMENTAL ENG SERVICES 12655 N Central Expressway Job No.: 903000 Sample No: 157106-157130 Page: 12 Suite 306 Dallas TX 7\$243 Sample Description: PROJECT NAME: ICOM 12 Data Received: 01-11-91 157122 SUMP 3 7.4 units 0.98 mg/L Chromium 1.9 mg/L Lead 46.3 Zinc mg/L 2250 Total Petroleum Hydrocarbon mg/L VOLATILES/METHOD 8240

Acetone		< 1.2	ug/g
Acrolein	1	< 2.5	
Acrylonitril	ė	< 2.5	
Benzene	\	< 0.62	
Bromodichlor	omethane	< 0.62	
Bromoform		< 0.62	
Bromomethane		< 1.2	,-
2 Butanone (< 2.5	ug/g
Carbon disul		< 0.62	
Carbon Tetra		< 0.62	
Chlorobenzen		< 0.62	
Chloroethane	1	< 1.2	
2-Chloroethy	lvinyl ether	< 2.5	
Chloroform	<u> </u>	< 0.62	
Chloromethan	ıè	< 1.2	
Dibromochlor	omethane	< 0.62	ug/g
Dibromometha	the a.	< C.62	ug/g
1,4-Dichloro	+2-butane	< 0.62	ug/g
1,1-Dichlord	ethane	< 0.62	
1,2-Dichlord		< 0.62	
1,1-Dichlore		< 0.62	• • • •
trans-1.2-Di	<i>t</i> hloroethylene	< 0.62	ua/a

ALLENE MCINTOSH 01-29-91 ENVIRONMENTAL ENG SERVICES 12655 N Central Expressway Job No.: 903000 Sample No: 157106-157130 Page: 13

Suite 306

Dallas TX 75243

Sample Description: PROJECT NAME: ICOM 12

Date Received: 01-11-91

157122 SUMP 3

Taken: 01-09-91

1,2-Dichloropropane	< 0.62	ug/g
cis-1,3-Dichloropropene	< 0.62	ug/g
trans-1,3-Dichloropropene	< 0.62	ug/g
Ethyl benzene	< 0.62	ug/g
Ethyl methacrylate	< 0.62	ug/g
2-Hexanone	< 2.5	ug/g
Iodomethane	< 0.62	ug/g
Methylene chloride	< 0.62	ug/g
4-Methyl-2-pentanone (MIBK)	< 0.62	ug/g
Styrene	< 0.62	ug/g
1,1,2,2-Tetrachloroethane	< 0.62	ug/g
Tetrachloroethylene	< 0.62	ug/g
Toluene	< 0.62	ug/g
1,1,1-Trichloroethane	0.65	ug/g
1,1,2-Trichloroethane	< 0.62	ug/g
Trichloroethylene	< 0.62	ug/g
Trichlorofluoromethane	< 0.62	ug/g
1,2,3-Trichloropropane	< 0.62	ug/g
Vinyl acetate	< 0.62	ug/g
Vinyl chloride	< 1.2	ug/g
o-Xylene	< 0.62	ug/g
p,p-Xylenes	1.2	ug/g
		J. J

01-29-91

Page: 15

Sample No:

Job No.: 903000

157106-15 130

ALLENE MCINTOSH ENVIRONMENTAL ENG SERVICES 12655 N Central Expressway

Suite 306

Dallas TX 75243

Sample Description: PROJECT NAME: ICOM 12

Date Received: 01-11-91

157126 BE-2 4

Taken: 01-08-91

10.3 ug/g Chromium 148 ug/g Lead < 10.0* ug/g Molvbdenum 11.2 ug/g Nickel

157127 BH-2 14

raken: 01-08-91

< 10 ug/gTotal Petroleum Hydrocarbon < 0.62 ug/gBenzene < 0.62 ug/g Ethyl benzene < 0.62 ug/g Toluene < 0.62 orXylene ug/g < 0.62 ug/g m/p-Xylenes

* High detection limit due to matrix interference.

Donna L. Bowlin, Manager

Dallas Division

STANDARD QUALITY CONTROL DATA REPORT

SAMPLE/PROJECT_157106-157130

PARAMETER	ANALYST	DATE	TIME	METHOD	EXTERNAL STANDARD	BLANK
Lead	RAJ	012491	1330	E200.7	0.99/1.00	BDL
Chromium	RAJ	012491	1330	E200.7	0.99/1.00	BDL
Nickel	RAJ	012491	1330	E200.7	0.98/1.00	EDL
Molybedenum	RAJ	012591	0945	E200.7	10.6/10.0	BDL
Zinc	RAJ	012491	1330	E200.7	1.00/1.00	BDL
TPH-soil	DWT	012591	1200	E418.1	1820/1700	BDL
TPH-soil	DWT	012391	1400	E418.1	1800/1700	BDL
TPH-water	AWL	012491	1000	E418.1	4/4	BDL
На	MAT	012491	1015	A423	7.0/7.0	N/A
Benzene	CAT	011591	0734	E602M_	* 32.5/23.6	BDL
Toluene	CAT	011591	0734	E602M	23.3/20.6	BDL
Benzene	CAT	011491	1414	S8020M	24.3/23.6	BDL
Toluene	CAT	011491	1414	\$8020M	19.0/20.6	BDL
Volatiles	REB	012591	1356	S8040M	N/A	BDL

* High Benzene Q.C. result; Working to eliminate the problem.

Method - Codes, i.e.

- A refers to APHA, Standard Methods for the Examination of Water and Wastewater, 16th edition
- E refers to EPA's 1979 Methods for Chemical Analysis of Water and Wastes for Inorganic Analyses
- E refers to EPA's 1979 Methods for Organic Chemical Analysis of Municipal and Industrial Wastes for Organic Analyses
- S refers to SW846, 3rd edition
- D refers to ASTM
- M Method has been modified
- * refers to Other Reference

External Standard - the Actual/Theoretical value for that batch of analysis. Acceptance Criteria - must be within 10% of the true value, except where EPA methods state otherwise. Blank - samples are not blank corrected by the laboratory

CAPITAL GAS LIGHT COMPANY

DOCUMENT 3



PHASE II ENVIRONMENTAL DUE DILIGENCE REVIEW AUSTIN TOYOTA, INC. FACILITIES

PREPARED FOR

HUGHES & LUCE 2800 BANK ONE CENTER 1717 MAIN STREET DALLAS, TEXAS 75201

APRIL 8, 1991

JMA

J. McNUTT & ASSOCIATES, INC. 1250 Sterling Plaza 5949 Sherry Lane Dallas, Texas 75225

PHASE II ENVIRONMENTAL DUE DILIGENCE REVIEW AUSTIN TOYOTA, INC. FACILITIES AUSTIN, TEXAS

April 8, 1991

Prepared by

J. McNutt & Associates, Inc. 1250 Sterling Plaza 5949 Sherry Lane Dallas, Texas 75225

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- 2.0 Introduction
- 3.0 Site Description
- 4.0 Field Activities and Procedures
- 5.0 Summary
- 6.0 Recommendations

Appendix A Lithologic Boring Logs

Appendix B Laboratory Results

SECTION 1.0 EXECUTIVE SUMMARY

In August, 1990, Comerica Bank, N.A. engaged Environmental Engineering Services, Inc. (EES) to perform a Phase I Environmental Audit of the Austin Toyota, Inc. property, located at 805 West Fifth Street, Austin, Texas, in a effort to determine potential lender liability prior to foreclosure. In accordance with this assignment, EES completed this task with the submission of Phase I Report on October 13, 1990. The results of this study indicated five (5) potential areas of contamination at the site.

Based upon the report of October 13, 1990, a clarification letter was issued by EES on November 7, 1990. In this letter, EES outlined eight (8) areas which required additional investigation, and prepared costing for additional tasks. In January, 1991, after completing these additional tasks, EES submitted a report on January 29, 1991 and a clarification letter of February 14, 1991, outlining three major areas of *potential* contamination and estimating remediation costs. The estimate for remediation costs, based upon the previous EES site investigations, was \$15,000,000.

Based upon the EES site activities and past submittals, Comerica engaged the law firm of Hughes & Luce with the professional engineering firm of J. McNutt & Associates, Inc. (JMA). The scope-of-work was to review all submittals, return to the site to reinspect the existing facilities, conduct a subsurface investigation to reproduce or substantiate the past findings, and prepare a final report which would provide an overview of the past site activities as well as recommendations for future site activities.

Based upon the review of the previous EES reports and activities on the site, four new borings were placed at the site to verify the *actual* site conditions. In addition, by utilizing the Toxicity Characteristic Leaching Procedure (TCLP), the EPA approved technique for examination of solid waste materials, the *actual* levels of

potential liability would be determined. The other items outlined in the EES reports and correspondence would be addressed by surface reconnaissance and evaluation on an item-by-item basis.

The results of the field investigations are as follows:

- the heavy metal concentrations reported by EES are naturally occurring materials; if the soils had been originally analyzed for TCLP metals initially, this potential problem would have been eliminated;
- the "ironworks" EES reported to have occupied an adjacent site, that other than possibly a small ornamental fabrication operation, the nearest "ironworks" was the Tips Iron and Steel plant, (now inactive) located approximately two miles to the west;
- at no time in our subsurface investigations was a "detritus, slag, or metal-containing sand" detected; however an abundance of mica or feldspar chips were noted to give a "shiny" appearance to the alluvial sands;
- the hydraulic fluid leaks reported to be "noted as staining and odor" by EES were not discovered, even when a boring was placed several feet closer to the proposed source than the EES boring;
- the two south service-area "sumps" designated as potential problems in the EES reports are simply collection sumps in the shop area, designed to actually act as oil/water separation units and grease traps to prevent these materials from entering the City of Austin wastewater collection system;
- The third "sump" designated as a potential problem in the EES reports is actually a collection sump for liquid waste streams from the make-ready areas on the north side of West Fifth Street to

connect to the City of Austin wastewater collection system, *designed* to work as an oil and grease collection sump.

- the heavy metal and TPH sludges in the three sumps are a result of the presence of used oil and greases, while the xylene and 1,1,1trichloroethane are a result of normal automobile repair and parts cleaning;
- the drum of chemical material reported by EES to be "leaking" in the make-ready area on the north side of West Fifth Street was discovered to be an alkaline carwashing detergent, empty since September, 1990;
- the only UST which appears to require registration/removal is the 2,000-gallon abandoned used oil UST in the middle of the service parking lot, as the six hydraulic lift units each only have a reservoir tank of approximately 30 to 60-gallons each, well below the 500gallon limit for statutory exemption from registration;
- although the three AGTs (two virgin motor oil, one used motor oil) should be registered with the City of Austin, their size, location, and presence of secondary containment precludes further regulatory activities.

Based upon the results of our surface and subsurface investigations, we recommend that Comerica, Inc. proceed with foreclosure activities related to this site, as the only *actual* areas of *potential* risk and liability appear to be related to:

- removal of the abandoned used oil UST;
- general housekeeping after the current site occupants vacate the premises.

We estimate the actual remediation costs to be approximately \$15,000, less

professional fees and contingencies. We recommend that Comerica, Inc. allow for a \$15,000 contingency for any unforeseen costs related to these efforts, a final total remediation cost estimate of \$30,000 for this site.

SECTION 2.0 INTRODUCTION

In August, 1990, Comerica Bank, N.A. engaged Environmental Engineering Services, Inc. (EES) to perform a Phase I Environmental Audit of the Austin Toyota, Inc. property, located at 805 West Fifth Street, Austin, Texas. The purpose of this project was to determine potential lender liability prior to foreclosure. In accordance with this assignment, EES completed this task with the submission of Phase I Report on October 13, 1990. The results of this study indicated five (5) potential areas of contamination at the site, according to EES:

- Eight (8) underground storage tanks (USTs) were registered for this site with the Texas water Commission (TWC);
- past land use from a trucking company and a potentially adjacent ironworks near the site may have resulted in hydrocarbon or heavy metal contamination;
- a drum of chemicals in a storage building on the north side of West Fifth was believed to be leaking;
- three (3) sumps were present on the site which could potentially leak;
- and finally, three aboveground storage tanks (AGTs) were in use at the site within the Shoal Creek 100 year flood plain.

Based upon the report of October 9, 1990, a clarification letter was issued by EES on November 7, 1990. In this letter, EES outlined eight (8) areas which required additional investigation, and prepared costing for additional tasks.

Among the eight additional items discussed were:

- the liability of PCB contaminated transformer oils;
- the unidentified material in the pit should be tested;
- other than improper registrations of USTs and AGTs, no violations were detected at the site:
- the drum of chemicals "Panther-Red Hot" should be tested and disposed at an estimated cost of \$250-\$600.
- it was recommended that seven (7) samples be collected for lead analyses;
- it was stated that the USTs must be registered and the fees paid;
- it was stated that the AGTs must be registered and fees paid;
- should the sumps be abandoned, steam cleaning and the use of a vacuum truck should be utilized, to be followed with filling with concrete.

Based On December 13, 1990, EES proposed to perform a Level II investigation of the site, consisting of seven boreholes, with testing for total petroleum hydrocarbons (TPH); benzene, toluene, ethyl benzene, and xylene (BTEX); heavy metals (lead, chromium, and zinc); pH; and finally, a general "solvents scan".

In January, 1991, EES returned to the site and completed the tasks outlined in the scope-of-work, resulting in the submission of a report on January 29, 1991. In the conclusions of this report, EES stated "The results obtained from the soil and water obtained...indicate that a (hydrocarbon) leak has occurred. Because of the large number of potential sources, the source of the (hydrocarbons) is not clear." In addition, "Elevated levels of lead...were present..." and "The first nine

feet of soil...are interpreted as part of the slag or detritus pile from the ironworks." Finally, "The sumps contain (hydrocarbons) with zinc, lead, chromium, and 1,1,1 Trichloroethane." EES then recommended that further testing be conducted at the site.

Finally, EES submitted a clarification letter on February 14, 1991, outlining three major areas of *potential* contamination and estimating remediation costs. Included were the heavy metals previously discussed, the potential for leaking hydraulic fluid, and the potential for leaking sumps. The estimate for remediation costs, based upon the previous EES site investigations, was \$15,000,000.

Based upon the EES site activities and past submittals, Comerica engaged the law firm of Hughes & Luce with the professional engineering firm of J. McNutt & Associates, Inc. (JMA). The scope-of-work was to review all submittals, return to the site to reinspect the existing facilities, conduct a subsurface investigation to reproduce or substantiate the past findings, and prepare a final report which would provide an overview of the past site activities as well as recommendations for future site activities.

SECTION 3.0 SITE DESCRIPTION

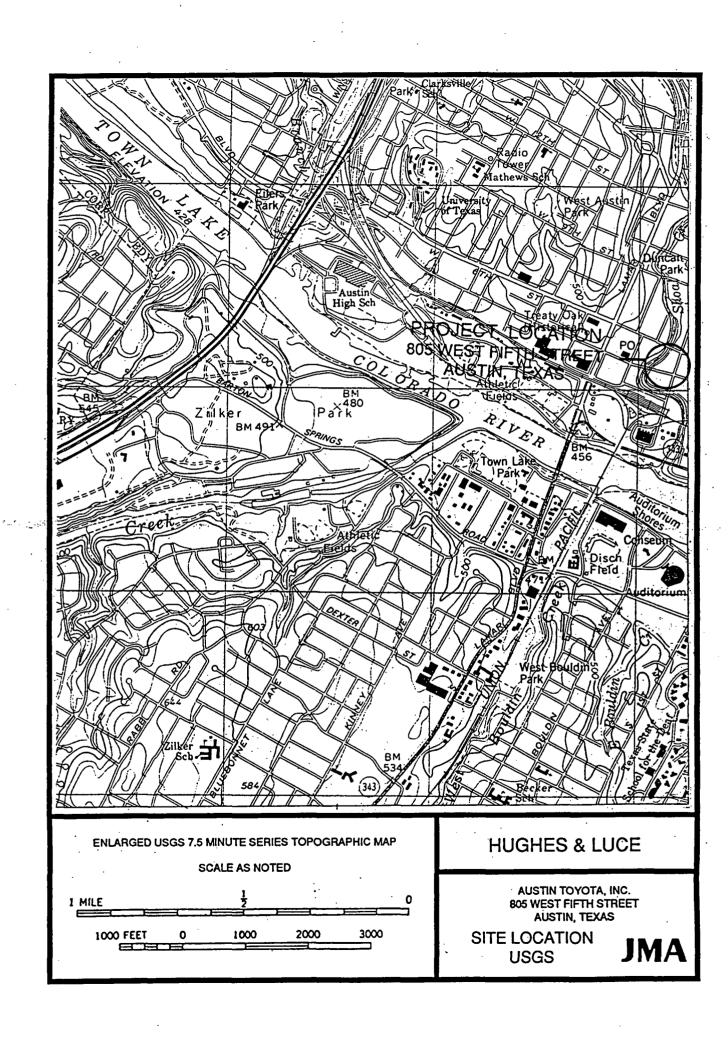
The Austin Toyota, Inc. facility is located at 805 West Fifth Street in an area of mixed industry and retail, located immediately west of the downtown Central Business District in a mature section of Austin, Travis County, Texas. The site consists of two locations, bisected by West Fifth Street. On the north side of the street only final "make-ready" operations occur, with the majority of activities consisting of parking and display of automobiles for sale. Immediately north of the site are two small restaurants, while West Avenue borders to the east, and Shoal Creek to the west.

On the south side of West Fifth Street are the dealership offices, administrative offices, repair shops, and additional parking and display of automobiles for sale. West Avenue borders to the east, West Fifth Street to the north, while Shoal Creek borders to the west and south.

Shoal Creek originates in far North Austin, flowing south to the Colorado River, approximately five-hundred yards south of the Austin Toyota, Inc. site. To the west across Shoal Creek are other automobile dealerships. To the south across Shoal Creek is the City of Austin Electrical Department main storage warehouse. To the east of the sites are offices and retail buildings. To the north are more offices, followed by some single family residences.

SITE GEOLOGY

The Austin Toyota, Inc. site is located on the banks of Shoal Creek, as well as the flood plain for the Colorado River. A review of the Soil Conservation Service (SCS) maps of the area indicate the soils to be predominately clayey fine to very fine sands and silts, with local pockets of gravel, typical of terraced alluvial deposits, typical of the deposited marine sedimentary materials, mapped as the Upper Cretaceous Gulfan series.



SECTION 4.0 FIELD ACTIVITIES AND PROCEDURES

The field activities at the site consisted of both a surface site investigation to verify the past findings, as well as subsurface investigation drilling and sampling of the soil materials in the first nine feet of material in close proximity to the previously placed EES soil borings.

All activities occurred on Wednesday, March 13, 1991, commencing at 8:30 a.m. Southwestern Laboratories-Austin provided a CME-75 drilling rig with hollow stem continuous sampling augers, a steam cleaning decontamination trailer. Southwestern Laboratories-Dallas provided analytical laboratory services on all samples collected.

The potential nature of the materials previously reported by EES at the site (various hydrocarbon containing materials and heavy metals) dictated that ALL personnel involved in the investigation operate under a site safety program, and be under medical/health and safety training programs. All site personnel were equipped with Level C protective gear and respirators, in compliance with 29 CFR 1900 requirements. All materials, drilling equipment, sampling procedures and analytical techniques were performed under strict United States Environmental Protection Agency (EPA) guidelines to ensure validity of results.

Hollow-stem continuous sampling augers, with an inside diameter of 3 3/4 inches and outside diameter of 6 3/4 inches, were utilized to drill the bore-holes. Five foot continuous samples were removed through the hollow stem of the augers. Upon removal from the bore-hole, the sampler was placed on virgin 5 mil polyethylene for inspection and field analyses. As soon as possible, the bore sample was disturbed at random locations along its length at 6 to 9 inch increments while measurements were taken with an organic vapor meter (OVM Smartmeter 580A), utilizing a photoionization detector (PID). The OVM was calibrated at 100 ppm with isobutylene on a 10.0 eV detector.

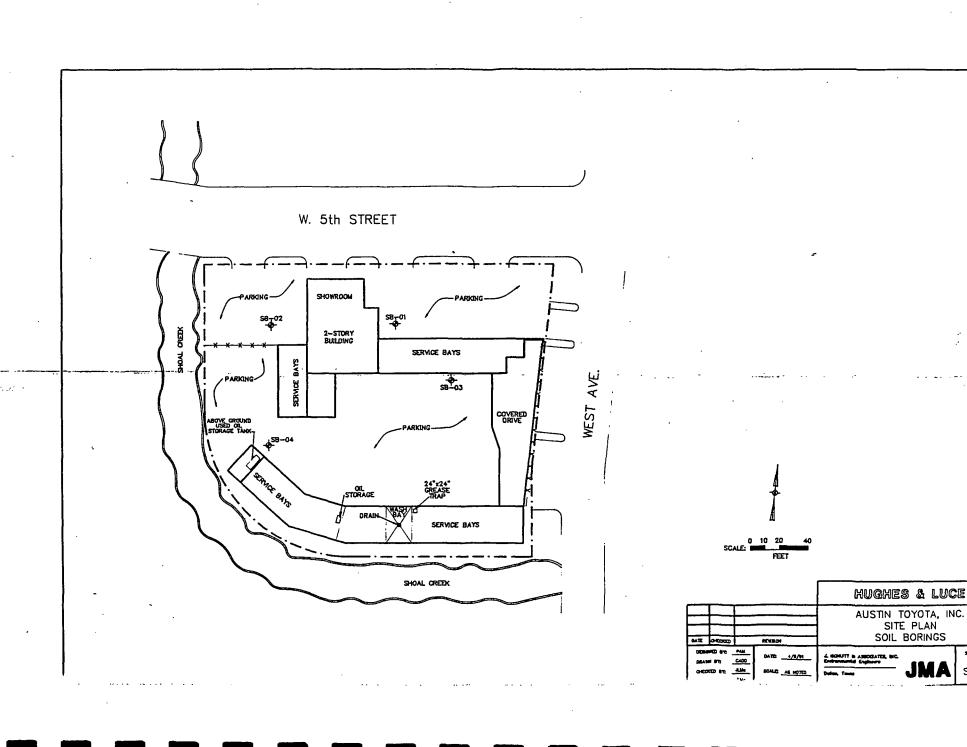
The continuous sample core was then visually examined and described by the field geologist using the Unified Soil Classification, and other modifiers as needed, to characterize the materials sampled. (The site boring logs are located in Appendix A.) Select samples were then removed for headspace analyses based on the previous OVM readings and /or appearance of the material. Headspace gas analyses techniques (30 minutes sun exposure between sampling and testing) were utilized for field analyses of all samples. Samples were collected as dictated by the past sampling activities, as well as the terminus of each bore-hole for laboratory analyses. All downhole equipment was steam-cleaned prior to the initial drilling and sampling program, prior to reuse, and upon completion of the program. At the completion of drilling and sampling ALL cuttings and additional samples not selected for analysis were placed in two labeled drums for later disposal off-site.

After the completion of the surface site-investigation, it was elected to place only four borings on the site, due to the *actual* location of the previous EES borings. The locations of all bore-holes drilled are shown on the attached site plan. Efforts were made to place all borings in close proximity to those previously placed by EES.

During the field activities the weather was clear and warm with the wind out of the southeast. The ambient air quality upwind from the drilling rig was 0.0 ppm on the OVM. Because of space restrictions, it was not always possible to position the drilling rig down or cross wind to the bore-holes being drilled and sampled. Headspace gas readings, however, were NOT affected.

All borings were extended to a depth of 9.5', based upon both the previously prepared EES lithologic logs and field observations. At the conclusion of drilling and sampling operations, all borings were grouted to the surface from the bottom up. The grout mix used to seal the borings consisted of 11 gallons of water to one sack of Portland cement, with approximately 5 percent bentonite added. All holes were topped off with additional grout as they settled. After all borings were grouted, all equipment was decontaminated by steam cleaning.

A total of eight soil samples were collected, placed in a chilled ice chest, transported and remanded to Southwestern Laboratories-Dallas for analytical work following strict Chain of Custody documentation. The results are presented in Appendix B.



SECTION 5.0 SUMMARY

Based upon the JMA review of the previous EES reports and activities on the site, it was anticipated that *less* than the originally estimated eight borings would be required to verify the site conditions. In addition, by utilizing the Toxicity Characteristic Leaching Procedure (TCLP), the EPA approved technique for examination of solid waste materials, the *actual* levels of potential liability would be determined. The other items outlined in the EES reports and correspondence would be addressed by surface investigations and evaluation on an item-by-item basis.

Boring SB-01 was placed as close as possible to the previously placed EES BH-2 on the northeast side of the main showroom area. The boring logs indicate typical soils for the area, without evidence of hydrocarbon staining or odors. Samples were collected at the 4.0' and 9.5' depths, with negligible organic vapors detected. Analytical results indicated less than detectable limits of TCLP-chromium and lead, and minimal concentrations of TCLP-zinc throughout the boring. Below detectable and minimal concentrations of TPH were detected.

Boring SB-02 was placed near the previously placed EES BH-1 on the northwest side of the main showroom area. The boring indicated the typical alluvial soils for the area, with NO evidence of hydrocarbons. Samples were collected at the 0.5' and 9.5' depth, with no organic vapors detected throughout the length of the boring. Analytical results indicated less than detectable limits of TCLP-chromium and lead, and minimal concentrations of TCLP-zinc throughout the boring. Below detectable concentrations of TPH were detected.

Boring SB-03 was placed between the EES BH-5 and the north service area bays, on the southeast side of the main service area. This boring was immediately adjacent to the service bays which have had reported problems with the hydraulic lift systems in the past. The boring indicated typical soils for the area,

without evidence of hydrocarbon staining and odors to the 9.5' depth. Samples were collected at the 4.0' and 9.5' depth, with negligible organic vapors detected throughout the length of the boring. Analytical results indicated less than detectable limits of TCLP-chromium and lead, and minimal concentrations of TCLP-zinc throughout the boring. Below detectable and minimal concentrations of TPH were detected.

Boring SB-04 was placed near the EES BH-6 on the southwest side of the remote service area, immediately adjacent to the used oil AGT. The boring indicated typical alluvial soils for the area, without evidence of ANY hydrocarbon staining and odors to the 9.5' depth. Samples were collected at the 4.0' and 9.5' depth, with NO organic vapors detected throughout the length of the boring. Analytical results indicated less than detectable limits of TCLP-chromium and lead, and minimal concentrations of TCLP-zinc throughout the boring.

Although the original Method 418.1 TPH analysis indicated 97 mg/kg (below reportable quantities), it was believed that this was interference caused by long-chain, naturally occurring organic decomposition materials such as humic or fulvic acids, NOT a petroleum hydrocarbon.

A repeat analyses on the same sample for TPH utilizing ASTM Method D-3328-78 (California GC Method), which utilizes a GC/FID capillary column method proceeded by a Method 5030 sonication preparation was performed. The results of this repeat analyses indicated that the true concentration of the TPH at this site to be less than the detectable limits, 25 mg/kg.

Based upon our review of the site from JMA's surface and subsurface investigations, and laboratory analyses the following has been determined:

The heavy metal concentrations reported by EES are naturally occurring materials in Southwestern United States and major metropolitan area soils. If the soils had been analyzed for TCLP metals initially, this potential problem would have been removed from any further consideration. Furthermore, although the EES

reports indicate an "ironworks" may have occupied an adjacent site, it should be noted that other than a small ornamental fabrication operation, the nearest "ironworks" was the Tips Iron and Steel plant, (now inactive) located approximately two miles west near the Union Pacific Railroad Station. At no time in our subsurface investigations was a "detritus, slag, or metal-containing sand" detected. In the sandy materials present in the first several feet of alluvial material, however, what appeared to be a mica or feldspar material was present, resulting in a shiny, mirror-like reflection to the unaided eye.

- The hydraulic fluid leaks reported to be "noted as staining and odor" by EES were not discovered, even when a boring was placed several feet closer to the proposed source than the EES boring.

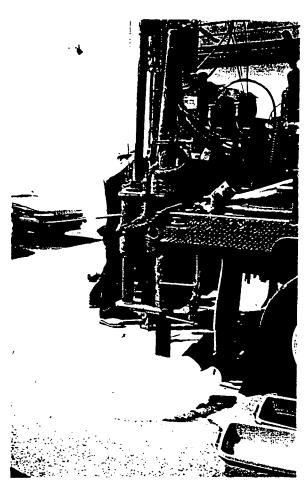
 Discussions with the service staff indicate that although two hydraulic lifts have leaked fluid in the past, the leaks are around the sealing ring at the top of the sealed unit, not in the area of the hydraulic lift sump below grade.
- The two south service-area "sumps" designated as potential problems in the EES reports are simply collection sumps in the shop
 area, designed to actually act as oil/water separation units and
 grease traps to prevent these materials from entering the City of
 Austin wastewater collection system. The third "sump" designated
 as a potential problem in the EES reports is actually a collection
 sump for liquid waste streams from the make-ready areas on the
 north side of West Fifth Street to connect to the City of Austin
 wastewater collection system. As with the "sumps" in the service
 area, this unit was designed to work as an oil and grease collection
 sump.
- Regarding the presence of heavy metal and TPH sludges in the three sumps, as well as xylene and 1,1,1-Trichloroethane, these sumps were designed to capture the waste oils and greases from

normal facility operations. Used oils often contain lead and zinc, along with other heavy metals. The xylene can easily be explained as the presence of a No. 2 diesel fuel (small quantity, short duration), probably from the wiping of a part with diesel for cleaning. The extremely low concentrations of the 1,1,1-Trichloroethane can be explained as either a small release of the Safety-Kleen solvent, or as an aged degradation byproduct of diesel fuel, often reported by laboratories. The general repair operations in a service bay, as well as the poor general levels of general housekeeping at the site are typical of an automobile repair dealership, not a significant release of hazardous materials.

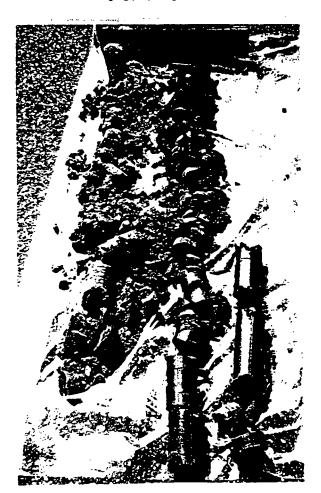
- The drum of chemical material reported by EES to be "leaking" in the make-ready area on the north side of West Fifth Street was discovered to be an alkaline carwashing detergent from Panther Chemical Company, Fort Worth, Texas. Although we were familiar with the entire "Red-Hot" line from Panther Chemicals, and realized this material was not a hazardous material, it was not until we inspected the area that we realized that the drum was empty, and the potential leaks on the floor nearby were from the staff tipping the drum on its side to remove the last of the material last September (1990).
- Although it appears that the Austin Toyota, Inc. staff erred when it registered its USTs in the past, the only UST which requires registration/removal is the 2,000-gallon used oil UST abandoned in place in the middle of the service parking lot. The six hydraulic lift units each has a reservoir tank of approximately 30 to 60-gallons each, well below the 500-gallon limit for statutory exemption from registration. Although the three AGTs (two virgin motor oil, one used motor oil) should be registered with the City of Austin, their size, location, and presence of secondary containment precludes further regulatory activities.

Based upon the results of our surface and subsurface investigations, the only documented areas of *potential* liabilities are related to:

- removal of the abandoned used oil UST;
- general housekeeping after the current site occupants vacate the premises.



Drilling rig preparing to advance SB-01

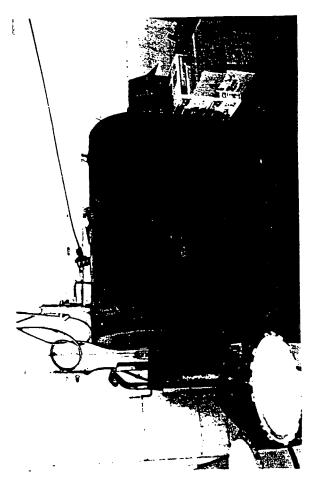




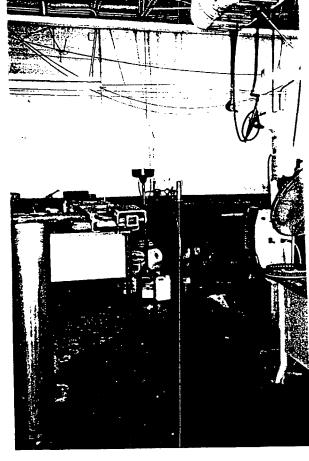
Cores from SB-01 being examined with OVM



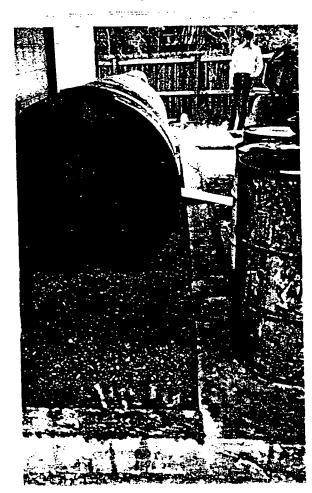
Com 1 - 03-04

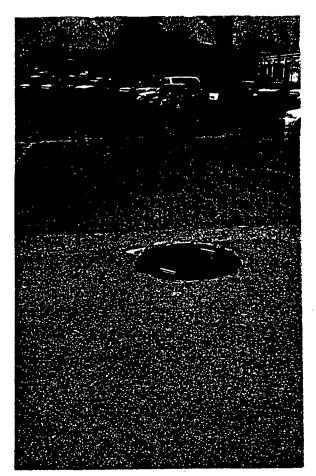


View of south virgin oil tank



View of north virgin oil tank





View of sump in north property parking lot



View of actual sump under cover



SECTION 6.0 RECOMMENDATIONS

Based on the JMA's review of the site conditions, both surface and subsurface, it is recommended Comerica, Inc., N.A., proceed with foreclosure activities for this site immediately. Of all the items presented as *potential* problems in the EES reports and correspondence, JMA could find NO significant items which could be *documented* or *substantiated* with either lithologic or analytical facts to support the various contentions.

Regarding actual risk and liability associated with this site, other than the removal of the previously abandoned used oil tank (2,000-gallon) and a thorough cleaning with steam cleaning and chemical degreasers, no further activities are anticipated for this site.

The removal of the 2,000-gallon used oil UST is estimated to cost \$7,500 to \$10,000, depending upon potential problems encountered. Should costs exceed \$10,000, the UST will be covered under the Texas Water Commission's UST Trust Fund. For eligibility, the UST's registration would be certified and any past registration fees be paid, allowing the reimbursement of costs after the first \$10,000 up to \$1,000,000.

A complete cleaning of the site is recommended, utilizing both steam cleaning and the use of chemical degreasers in all work areas, sumps, and drain lines. It is estimated that these costs, including disposal of any waste sludges, would cost \$5,000.

The total raw cost estimate for remediation at this site, less professional fees and contingencies, is \$15,000. We recommend that Comerica, Inc. allow for a \$15,000 contingency for any unforeseen costs related to these efforts, a final total remediation cost estimate of \$30,000 for this site.

APPENDIX A LITHOLOGIC BORING LOGS

LOG OF BORING NO. SB-01								
		_\>	T -	SCF	EENI	NG DA	TA	
DEPTH, (FT)	DESCRIPTION OF STRATUM	% RECOVERY		ODOR (*)	VISIBLE (*)	DIRECT READING INSTRUMENT		SUBMITTED for ANALYSIS
- 10 -	Hot mix asphaltic concrete over crushed limestone base. SILTY CLAY w/gravel, non-plastic, firm, dry, reddish-brown. SANDY CLAY, non-plastic, firm, dry, dark brown.	*		000	BISIA	O STE		SB-01-4'
-20-	2: JMA Project No.: 1211-10-CG	Dete D	Med:	3/13	/91		riller	E. Duran
	ndwater Elevation: Date: Time: Elevation: 9.5 '	Dete:		·	Time: ,		(

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	LOG OF BORING NO	O. SE	3-02	?			
DEPTH, (FT)	DESCRIPTION OF STRATUM	% RECOVERY		ороя (*) g	VISIBLE (*)	DIRECT READING INSTRUMENT	SUBMITTED for ANALYSIS
-10 - -15 -	Hot mix asphaltic concrete over crushed limestone base material. SILTY CLAY w/gravel, non-plastic, firm, dry, reddish-brown. SANDY CLAY, non-plastic, firm, dry, dark brown.			000	A VISIB	O NEW TIME TO THE	SB-02-9.5
-25-							
Groun		rte:		t	lme: _		Elevation;

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Ground Elevation:

		LOG OF BORING NO	o. s	B-04				
БЕРТН, (FT)	SAMPLES	DESCRIPTION OF STRATUM	RECOVERY		% (*) ROOC	VISIBLE (*)	DIRECT READING STRUMENT	SUBMITTED for
DEP	\		%		000	VISIB	NSTE INSTE	ANALYSIS
_		Hot mix asphaltic concrete over crushed limestone base material dark stain.						<u> </u>
		SILTY SAND w/gravel, non-plastic, firm, dry, reddish-brown sandy layer (4").						
- 5	1111	SANDY CLAY, non-plastic, firm, dry, dark brown.		-				SB-04-41
	+							
	$\mathbf{\mu}$							SB-04-9.5'
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	7							
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	Cllent	•						
•	Sroun	dwater Elevation: Date: Time: Elevation: Da						Elevetion:

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APPENDIX B LABORATORY RESULTS

Hughes & Luce (Sutton) Austin Toyota, Inc. Facility Phase II Drilling Results

	BORING NUMBER	DEPTH (ft)	HEADSPACE (ppm)	PERAMETER (p	RESULT pm, mg/l, mg/kg)
1.	SB-01	4.0	1.0	TCLP-Chromium	<0.05
• •				TCLP-Lead	<0.10
				TCLP-Zinc	<0.03
				TPH (418.1)	7
	SB-01	9.5	0.0	TCLP-Chromium	<0.05
				TCLP-Lead	<0.10
				TCLP-Zinc	0.04
				TPH (418.1)	<5
2.	SB-02	0.5	0.0	TCLP-Chromium	<0.05
				TCLP-Lead	<0.10
				TCLP-Zinc	c 0.09
				TPH (418.1)	<5
	SB-02	9.5	0.0	TCLP-Chromium	<0.05
	+ + + + 1640°	:	·	TCLP-Lead	<0.10
				TCLP-Zinc	0.09
				TPH (418.1)	<5
3.	SB-03	4.0	0.0	TCLP-Chromium	<0.05
				TCLP-Lead	<0.10
				TCLP-Zinc	0.10
				TPH (418.1)	<5
	SB-03	9.5	0.0	TCLP-Chromium	<0.05
				TCLP-Lead	<0.10
				TCLP-Zinc	0.10
				TPH (418.1)	<5
4.	SB-04	4.0	0.0	TCLP-Chromium	<0.05
				TCLP-Lead	<0.10
				TCLP-Zinc	0.07
				TPH (418.1)	8
	SB-04	9.5	0.0	TCLP-Chromium	<0.05
				TCLP-Lead	<0.10
				TCLP-Zinc	0.51
				TPH (418.1)	97
			·	TPH (GC/FID Metho	d) <25



SOUTHWESTERN LABORATORIES

Materials, environmental and geotechnical engineering, nondestructive, metallurgical and analytical services
2575 LONE STAR DRIVE * P.O. BOX 224227, DALLAS, TEXAS 75222 * 214/631-2700

Client J. MCNUTT & ASSOCIATES

5646 MILTON ST. 640 MEADOWS BLDG. DALLAS, TX 75206 Attn: J. MCNUTT Client No. 2893500 Report No. D1-03-139 Report Date 04/04/91 14:51

Project AUSTIN TOYOTA/1211-10-CG

Date Sampled <u>03/12/91 03/13/91</u>	Sampled By J. MCNUTT
Sample Type SOIL	Transported by J. MCNUTT
P.O. #	Date Received <u>03/14/91</u>
Lab No.	Sample Identification
01-03-139-01	SB-01-4
01-03-139-02	SB-01-9.5
01-03-139-03	SB-02-0.5
01-03-139-04	SB-02-9.5
01-03-139-05	SB-03-4
01-03-139-06	SB-03-9.5
01-03-139-07	SB-04-4
01-03-139-08	SB-04-9.5
01-03-139-09	TCLP SPIKE
11-03-130-10	VALII T-CF

SOUTHWESTERN LABORATORIES

Bob France

Milia Smith

Bob Garrett, Mgr., EAS

Page 2

Order # D1-03-139 04/04/91 14:51 Client: J. MCNUTT & ASSOCIATES

TEST RESULTS BY SAMPLE

Sample: 01A SB-01-4

Collected: 03/13/91

•	. • •			<u>Detection</u> <u>Date</u>		
Test Name	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Limit</u>	Started	<u>Analyst</u>
TCLP CHROMIUM	SW_846_7190	<0.05	MG/L		03/20/91	JG
TCLP LEAD	SW_846_7420	<0.10	MG/L		03/19/91	JG
TCLP PREP.		03/18/91	DATE COM		03/18/91	QZ
TCLP ZINC		<0.03	MG/L		03/19/91	JG
TOT.PET. HYDROCARBONS SOIL	EPA418_1	7	MG/KG	5.0	03/19/91	NU

Sample: 02A SB-01-9.5

Collected: 03/13/91

Balancia de la Secución de la Companya de la Compan				Detectio	<u>n Date</u> 😶	Security and
Test Name	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Limit</u>	Started	<u>Analyst</u>
TCLP CHROMIUM	SW_846_7190	<0.05	MG/L		03/20/91	JG
TCLP LEAD	SW_846_7420	<0.10	MG/L		03/19/91	JG
TCLP PREP.		03/18/91	DATE COM		03/18/91	QZ
TCLP ZINC		0.04	MG/L		03/19/91	JG
TOT.PET. HYDROCARBONS SOIL	EPA418_1	<5	MG/KG	5.0	03/19/91	NW

Sample: 03A SB-02-0.5

Collected: 03/13/91

		<u>Detection</u> <u>Date</u>				
Test Name	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Limit</u>	Started	<u>Analyst</u>
TCLP CHROMIUM	SW_846_7190	<0.05	MG/L	-	03/20/91	JG
TCLP LEAD	SW_846_7420	<0.10	MG/L		03/19/91	JG
TCLP PREP.		03/18/91	DATE COM		03/18/91	QZ
TCLP ZINC		0.09	MG/L		03/19/91	JG
TOT.PET. HYDROCARBONS SOIL	EPA418_1	< 5	MG/KG	5.0	03/19/91	NW

Sample: 04A SB-02-9.5

Collected:

				Detectio	n Date	
Test Name	Method	<u>Result</u>	<u>Units</u>	<u>Limit</u>	Started	<u>Analyst</u>
TCLP CHROMIUM	SW_846_7190	<0.05	MG/L		03/20/91	JG
TCLP LEAD	SW_846_7420	<0.10	MG/L		03/19/91	JG
TCLP PREP.		03/18/91	DATE COM		03/18/91	QZ

SOUTHWESTERN LABORATORIES

Order # D1-03-139 04/04/91 14:51

Client: J. MCNUTT & ASSOCIATES

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				<u>Detectio</u>	n <u>Date</u>			
Test Name	Method	<u>Result</u>	<u>Units</u>	<u>Limit</u>	<u>Started</u>	<u>Analyst</u>		
TCLP ZINC		0.09	MG/L		03/20/91	JG		
TOT.PET. HYDROCARBONS SOIL	EPA418_1	< 5	MG/KG	5.0	03/19/91	NW		
Sample: 05A S8-03-4 Collected: 03/13/91								
				Detectio	n <u>Date</u>			
Test Name	Method	<u>Result</u>	<u>Units</u>	<u>Limit</u>	Started	<u>Analyst</u>		
TCLP CHROMIUM	SW_846_7190	<0.05	MG/L		03/20/91	JG		
TCLP LEAD	SW_846_7420	<0.10	MG/L		03/19/91	JG		
TCLP PREP.		03/18/91	DATE COM		03/18/91	QZ		
TCLP ZINC		0.10	MG/L		03/19/91	JG		
TOT.PET. HYDROCARBONS SOIL	EPA418 1	<5	MG/KG	5.0	03/19/91	NW		

	de tinano. Paris 1991 - 1991 - 1991	
Sample: 06A SB-03-9.5	Collected: 03/13/91	

		<u>Detection</u> <u>Date</u>				
Test Name	Method	<u>Result</u>	<u>Units</u>	<u>Limit</u>	Started	<u>Analyst</u>
TCLP CHROMIUM	SW_846_7190	<0.05	MG/L		03/20/91	JG
TCLP LEAD	SW_846_7420	<0.10	MG/L		03/19/91	JG
TCLP PREP.		03/18/91	DATE COM		03/18/91	QZ
TCLP ZINC		0.10	MG/L		03/19/91	JG
TOT.PET. HYDROCARBONS SOIL	EPA418_1	<5	MG/KG	5.0	03/19/91	NW

Sample: 07A S8-04-4 Collected: 03/13/91

		<u>Detection</u> <u>Date</u>				
Test Name	Method	<u>Resul t</u>	<u>Units</u>	<u>Limit</u>	Started	<u>Analyst</u>
TCLP CHRONIUM	SW_846_7190	<0.05	MG/L		03/20/91	JG
TCLP LEAD	SW_846_7420	<0.10	MG/L		03/19/91	JG
TCLP PREP.		03/18/91	DATE COM /		03/18/91	QZ
TCLP ZINC		0.07	MG/L		03/19/91	JG
TOT.PET. HYDROCARBONS SOIL	EPA418_1	8	MG/KG	5.0	03/19/91	NU

Sample: 08A SB-04-9.5 Collected: 03/13/91

				Detection	n <u>Date</u>	
<u>Test Name</u>	<u> Method</u>	<u>Result</u>	<u>Units</u>	<u>Limit</u>	Started	<u>Analyst</u>
TCLP CHRONIUM	SN_846_7190	<0.05	MG/L		03/20/91	JG

Order # D1-03-139 04/04/91 14:51

Client: J. MCNUTT & ASSOCIATES

				<u>Detection</u> <u>Date</u>			
Test Name	<u>Method</u>	Result	<u>Units</u>	<u>Limit</u>	Started	<u>Analyst</u>	
TCLP LEAD	SW_846_7420	<0.10	MG/L		03/19/91	JG	
TCLP PREP.		03/18/91	DATE COM		03/18/91	QZ	
TCLP ZINC		0.51	MG/L		03/19/91	JG	
TOT.PET. HYDROCARBONS SOIL	EPA418_1	97	MG/KG	5.0	03/19/91	NW	
TOT.PET.HYDROCARBON GC-FID	EPA_8015	<25	MG/KG	25	03/22/91	AL	

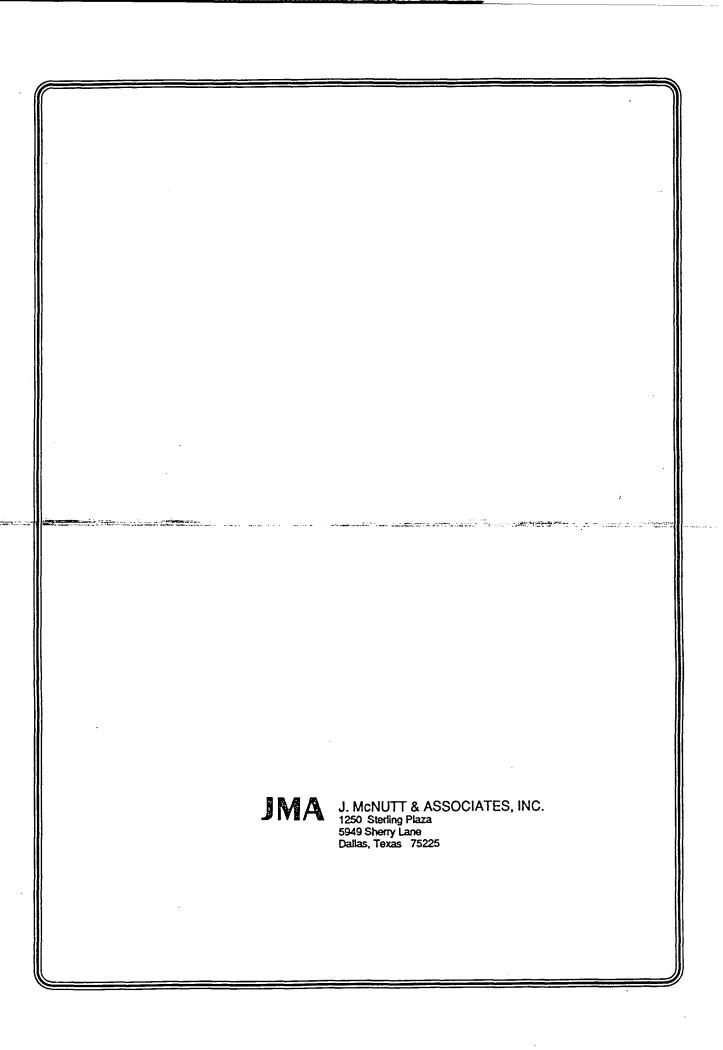
Sample: 09A TCLP SPIKE

Collected:

			<u>Detection</u> <u>Date</u>					
<u> Test</u>	Name	<u>Method</u>	<u>Result</u>	<u>Units</u> <u>L</u>	<u>imit</u>	<u>Started</u>	<u>Analyst</u>	
, TCLP	CHROMIUM	SW_846_7190	88.00	x	0	3/20/91	JG	
TCLP	LEAD	SW_846_7420	93	*	0	3/19/91	JG	
TCLP	ZINC		98.00	×	0	3/19/91	JG	
Street of Authorities (1)	s and some distriction of the some grant terms	Exemplement of the service of the service		a via a magazina	ALL CONTROL OF THE	-: •	The state of the s	:···

Sample: 10A VAULT-CF Collected: 03/12/91

				Detectio	<u>n Date</u>	<u>Date</u>				
Test_Name	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Limit</u>	<u>Started</u>	<u>Analyst</u>				
TOT.PET. HYDROCARBONS SOIL	EPA418_1	26	MG/KG	5.0	03/19/91	NW				



CAPITAL GAS LIGHT COMPANY

DOCUMENT 4

6) "Site Response Report & Remediation Proposal, Austin Toyota, Inc. Facility" prepared by J. McNutt & Associates, May 15, 1992

SITE RESPONSE REPORT AND REMEDIATION PROPOSAL AUSTIN TOYOTA, INC. FACILITY

PREPARED FOR

TEXAS WATER COMMISSION DISTRICT 14 OFFICE 1700 SOUTH LAMAR BUILDING NO.1, SUITE 101 AUSTIN, TEXAS 78704-3360

MAY 15, 1992

JMA

J. McNUTT & ASSOCIATES, INC.

1250 Sterling Plaza 5949 Sherry Lane Dallas, Texas 75225

PHASE I ENVIRONMENTAL SITE ASSESSMENT 805 West 5th Street Austin, Texas

Prepared for: The Kucera Company Austin, Texas

Martin J. Gibson

Environmental Analyst

August 6, 1993 SWL Reference No. 5093-850

> Robert W. Youens Program Manager

Prepared by:

SWL ENVIRONMENTAL SERVICES
4150-B Freidrich Lane
Austin, Texas 78744



4150 Freidrich Lane P.O. Box 17366 Austin, Texas 78760

Phone: (512) 447-9081 Fax: (512) 443-3442

August 6, 1993

Mr. Joel Sher Kucera Company 7200 North Mopac, Ste. 450 Austin, Texas 78731

Re:

Environmental Site Assessment

805 West 5th Street

Austin, Texas

SWL Reference No. 5093-850

Dear Mr. Sher:

Submitted herein is our report of the Environmental Site Assessment performed for the above referenced project.

All of the data accumulated for the assessment (photographs, title information, field notes, checklist, etc.) will be kept in your project file. If you have any questions or need any additional information, please do not hesitate to call. The report and information in your file is considered confidential and will not be released without your authorization.

We appreciate the opportunity to work with you on this project and hope you will contact SWL for future projects.

Sincerely,

SWL ENVIRONMENTAL SERVICES

Robert W. Youens Program Manager

RWY/let

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PHASE I ENVIRONMENTAL SITE ASSESSMENT 805 West 5th Street SWL Reference No. 5093-850

1.0 EXECUTIVE SUMMARY

The subject site is located at 805 West 5th Street in Austin, Travis County, Texas. The site is a rectangular-shaped, approximately two acre lot and has been improved with two buildings which were previously used as a car dealership. The site is currently unoccupied.

The subject site was owned by D. P. Kinney and wife Beulah prior to July 10, 1896. Subsequent owners include various individuals, Board of Trustees of Austin City Public Free Schools, and the Calcasieu Lumber Company until acquired by the current owner, Comerica Bank - Detroit, on May 7, 1991.

Review of historical aerial photographs indicates the subject site was improved with several buildings and had significant land scarring prior to 1951. The buildings currently on-site were constructed between 1951 and 1964. The site appears to have been used as a car dealership from prior to 1964 through 1990. Two buildings which were present near the west boundary of the site prior to 1951 were removed between 1973 and 1984. Adjacent properties to the east, south, and west appear to have been used as warehouses or for light industry prior to 1951 through 1990. The property to the north appears to have been used as a car dealership prior to 1964 through 1990.

The 1877 and 1889 Sanborn Maps do not cover the subject site. The 1900 Sanborn Map indicates the subject site was occupied by an abandoned gas works, located near the southwest corner of the subject site; an empty gas holder, located near the northwest corner of the subject site; and a school, located near the northeast corner of the subject site. The property to the east across West Avenue is listed as a mill. The remaining adjacent properties are listed as offices, residences, or dry goods.

Review of a Radian Corporation report to the Texas Department of Health (TDH) regarding historic gasification plants indicates the gas works on-site processed pine knots for gasification.

The 1935 Sanborn Map indicates the site was only occupied by the school and a dry goods store near the southwest corner.

The 1959 Sanborn Map indicates the site was occupied by an auto dealership. No PSTs were noted. The buildings listed are the same configuration as those presently on-site. The map also indicates an air conditioning supply company occupied two buildings along the western boundary which are no longer present. A restaurant is listed as having occupied the northeast corner of the subject site. The adjacent properties are basically unchanged.

City directories dating back to 1886 were reviewed. The subject site has been listed as 801 through 807 West 5th Street. City directories could not confirm the period of operation for the gas works. No listing for the subject site was noted for the site that would indicate the presence of a gas works. The subject site is listed as being occupied by mainly residences from the 1920's through the early 1940's.

The 1944 through 1953 Polk City Directories list the subject site as being occupied by a trucking company, an iron works, an auto dealership, and a restaurant.

The 1953 through 1990 city directories list the site as being occupied by an auto dealership, and a restaurant/bar. Austin Toyota is first listed as occupying the site in 1971.

The ESA site visit was performed by Martin J. Gibson and Hilary D. Johns of SWL on July 23, 1993 at 10:30 A.M. The inspectors were accompanied by Mr. Joel Sher of the Kucera Company. The subject site is located in downtown Austin. A detailed inspection was performed

The oil/grease sumps both have approximately eighteen inches of oily liquid and sediment in them.

The remainder of the property has been paved with asphalt or concrete. An apparently new patch of paving is located on the south side of the eastern service bay of the main building where underground storage tank (UST) was removed. An empty aboveground storage tank (AST), formerly used to store waste oil, is located at the west end of the second building. Small amounts of staining were observed around the AST.

One 40 gallon drum is located in the second building and appeared to be partially full of a hydrocarbon based liquid. A second 40 gallon drum partially full of lubricant is located at the west end of the eastern service bay of the main building. The drums were in good condition and free of leaks.

Three pole mounted transformers were observed at the front of the main building along West 5th Street. No dielectric fluid leakage or soil stains were observed around the transformers.

The subject site is bounded by West 5th Street to the north, West Avenue to the east, and Shoal Creek to the south and west. Time Auto Sales and an office building are located across West 5th Street to the north. An office building, occupied by the City of Austin, is located across West Avenue to the east.

Four of the ten materials sampled during the asbestos inspection contained greater than one percent asbestos. One of the materials identified as containing asbestos was assessed as friable and three were assessed as non-friable.

by walking the interior and perimeter of the site to document the presence of potential environmental concerns including past or present underground and/or above ground storage tanks, surface stains, distressed vegetation, solid waste disposal and electrical transformers.

The main building is a two-story structure constructed of wood, brick, and metal with a flat built-up roof over the main section and peaked metal roofs over the service areas. The building has a tiled floor showroom area with a glass wall partition on the first floor. The eastern half of the second floor is office space and the western half is a storage area.

Service and parts areas are attached to the eastern and western portions of the main building. The eastern portion appears to have been used as the main mechanical service area and has five hydraulic lifts. The lifts appear to be intact with their in-ground reservoir tanks and lines still in place. The floor of the service area has oil staining typically associated with a garage service area.

The western portion of the main building appears to have been used for the body shop service area and has one hydraulic lift. The northern half of this building appears to have been the parts storage area, and has minor oil staining on the floors.

The second building is located along the southern boundary of the site. The building consists of numerous service bays with garage doors. Two oil/grease sumps are located in this building. Both sumps are fed by drains which run from each of the service bays.

The floor of the service bays also has staining normally associated with a garage. A small amount of soil staining was observed along the rear, west end of the building. Significant erosion has occurred at the rear of this building along Shoal Creek.

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Three of the remaining petroleum storage tank (PST) facilities are also listed as LUST facilities by the TWC. All of the facilities are listed as having soil contamination only and each of the cases has been closed and do not appear to pose an environmental impact threat to the subject site.

Conclusions

The subject site was occupied by a gasification plant prior to 1900. The gas works building was located in the southwest corner of the subject site and the gas storage tank was located in the northwest corner of the subject site. No visible evidence of this facility was observed during the site visit or aerial photograph review. The exact time and duration that this facility was in operation and the disposition of the waste product, normally associated with gasification is unknown.

The west portion of the subject site was occupied by an iron works facility, and the middle portion of the site was occupied by a trucking company between the mid-1940's and mid-1950's. An air conditioning supply company occupied the western portion of the subject site from at least 1954 for an unknown length of time, but was no longer present by 1964. The northeast corner of the subject site was occupied by a restaurant/bar from the mid-1940's through 1987. The remainder of the subject site had been occupied by various auto dealerships from the mid 1940's through 1971 when Austin Toyota first occupied the site. It could not be determined if the trucking company, iron works, or auto dealerships (other than Austin Toyota) previously on-site managed fuel or other potentially hazardous materials.

The subject site located in a flood hazard area and has a history of flooding.

The subject site is listed as a LUST location by the TWC. The LUST was used to store used oil and its associated soils were removed in 1988. The LUST was listed as soil contamination

The subject site is listed as a class two generator by Resource Conservation and Recovery Act (RCRA), but is not listed as a RCRA violator. There are four other RCRA Notifiers within 600 feet of the subject site, the closest of which is Capital Chevrolet Inc., 500 feet to the west. None of the notifiers are listed as RCRA Violators.

The subject site is listed as a leaking underground storage tank (LUST) facility by the Texas Water Commission (TWC). Review of the TWC case file indicates the LUST on site was removed and the soils excavated in 1988. The facility is listed as having soil contamination only and the case is closed. Review of the TWC case file indicated that elevated levels of lead were apparently left in the ground.

During review of the TWC file, another UST previously on-site was referenced. According to a letter from a previous consultant to the TWC, a fuel UST was removed in 1987 or 1988. No registration or construction notice regarding this tank could be found in the TWC databases or the TWC file. The letter also referenced that this tank had been damaged during a flood and had problems with leaks. The letter showed the location of the former UST as being near the southwest corner of the subject site.

An approximately 1,000 gallon AST previously used to store waste oil is located at the west end of the rear building. Approximately one-half cubic yard of oily stained soil is present in the bermed tank containment area.

There are five UST facilities within 700 feet of the subject site, the closest of which is Cothrons Texaco Station, 200 feet north of the subject site. This facility had three USTs which have been permanently removed from the ground and is topographically up gradient from the subject site. This facility was listed as a LUST facility which had soil contamination only and the case is listed as closed and does not appear to pose an environmental impact threat to the subject site.

only and the case was closed by the TWC. Review of the case file indicated that TPH and lead levels above current TWC regulated levels were left in the ground. During review of the case file another UST previously on the subject site was referenced. The file indicated that this tank had been damaged during a flood and that it had problems with leaks. The report also indicated that the UST had been removed in 1987 or 1988. No TWC registration or construction notification for this tank could be found. According to the limited information in the file about the previous UST, it was located west of the rear building currently on-site. It is likely the tank was removed prior to the TWC's requirements for registration and construction notification.

The subject site was operated as an auto dealership from the middle 1940's through the late 1950's. Although there is no evidence to indicate UST's were operated on-site during that period is was common for auto dealerships to manage fuel and oil.

Two oil/grease sumps and associated drain lines are located in the service bays in the rear building on-site. The sumps currently have approximately eighteen inches of oily liquid and sediment in them.

There are currently six hydraulic lifts located in the service bays on-site. The subsurface reservoirs and supply lines to the lifts appear to be in place.

Significant staining normally associated with an auto service shop was observed on the floors of the services bays. The stains appeared to be mostly oil and grease and are unlikely to have impacted the soils beneath the concrete slab.

There are at least twenty PST facilities within one-half mile of the subject site. Four of the facilities which are within 700 feet of the subject site are listed as LUST facilities by the TWC. All are listed as soil contamination only and the cases are listed as closed by the TWC. It is

unlikely releases from any of these LUST facilities ave impacted the subject site.

Four of the ten materials sampled were identified as containing asbestos. One was assessed as friable and three were assessed as non-friable. The materials were assessed as being in fair to good condition.

Recommendations

A subsurface investigation should be conducted to evaluate potential impact to the site from numerous existing and historic sources.

The investigation should also encompass the area around the removed LUST, undocumented UST removal, and selected areas of the site to determine if releases from the tanks or other operations previously on-site have environmentally impacted the subject site.

The contents of the oil/grease sumps, hydraulic lift reservoirs, 40 gallon drums, and AST should be removed and disposed of at an authorized facility. The sumps, reservoirs, lifts, and associated lines should then be removed and any impacted soils should be disposed of at an authorized facility.

The friable pipe insulation in the east service bay and the non-friable wall board in the upstairs parts storage area should be removed or repaired prior to renovation or re-occupancy of the building. If asbestos-containing floorings become damaged or require repair, these repairs or removal can be conducted by authorized individuals who have attended a Resilient Floor Covering Institute Asbestos Flooring Removal Course, . When working with these materials, dust generating activities, such as sawing, sanding, or gross demolition should only be performed under controlled conditions.

2.0 OBJECTIVES AND LIMITATIONS

2.1 Objectives

The objective of the Phase I ESA was to gather data and render an opinion on the potential for environmental liabilities associated with past or current practices.

This project was completed in accordance with our proposal dated July 1, 1993, and signed by Mr. Joel Sher on July 26, 1993.

The ESA included the following general tasks:

- A site visit to investigate the subject site and surrounding properties;
- Review of information regarding prior land use;
- Review of regulatory information regarding hazardous and/or toxic materials in the vicinity of the subject site;
- A limited inspection of the facility and laboratory analysis to identify Asbestos Containing Building Materials (ACM's); and
- Summary of conclusions and recommendations.

This ESA was performed in accordance with generally accepted practices of the profession undertaking similar studies at the same time and in the same geographical area, and SWL observed that degree of care and skill generally exercised by the profession under similar circumstances and conditions. No other warranty is expressed or implied.

It should be noted the ACM inspection test results were based on SWL's field investigation and analyses of selected samples which are assumed to be representative of the materials within the structures. This report does not, in any way, represent a warranty or guarantee that other asbestos containing materials do not exist within the building components which are not accessible during the inspection.

SWL's observations, findings, and opinions must not be considered as scientific certainties but only as opinion based on our professional judgement concerning the significance of the data gathered during the course of the site assessment. Specifically, SWL does not and cannot represent that the site contains no hazardous or toxic materials or other latent condition beyond that observed by SWL during its site assessment.

This study and report has been prepared on behalf of and for the exclusive use of Kucera Company solely for use and reliance in environmental evaluation of the site. This report and the findings contained herein shall not, in whole or in part, be disseminated or conveyed to any other party, nor used or relied upon by any other party, in whole or in part, without the written authorization from Kucera Company to SWL. In that case, SWL will issue a letter of understanding to the third party for signature and will provide a copy of this report to the third party as directed by Kucera Company for a processing fee. Notwithstanding anything to the contrary herein, any third party reliance is limited to the agreed upon scope of work by and between SWL and Kucera Company.

3.0 SITE OVERVIEW

The subject site is located at 805 West 5th Street in Austin, Travis County, Texas. Geographic coordinates are approximately longitude 97°45'00 " and latitude 30°15'30". Please refer to Figure 1 - Site Vicinity Map.

The site is a rectangular-shaped, approximately two acre lot and has been improved with two buildings which were previously used as a car dealership. The site is currently unoccupied.

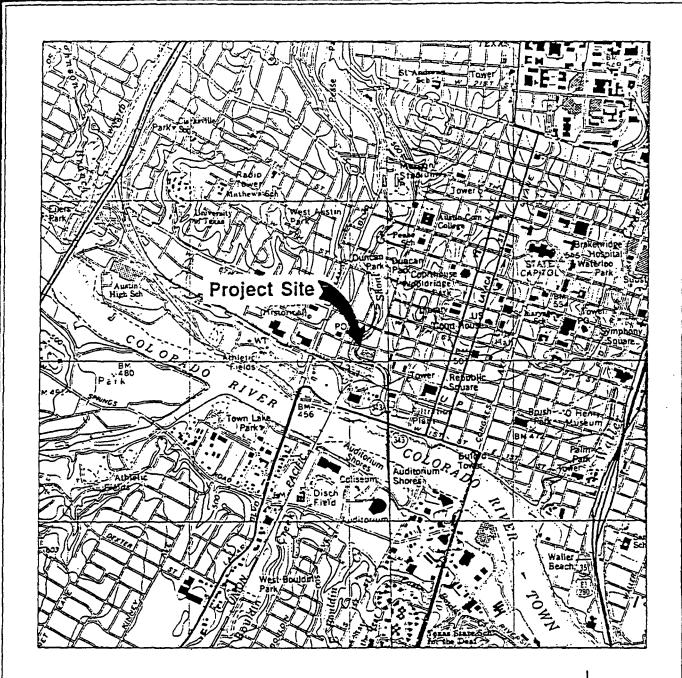
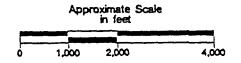


FIGURE 1 VICINITY MAP 805 West 5th Street Austin, Texas

SWL Reference No. 505093-850



Based on:
USGS 7.5 Minute Topographic Quad.: Austin West, Texas
Contour Interval: 20 feet
Scale: 1° = 2,000°

4.0 SITE BACKGROUND/OPERATING HISTORY

4.1 Current Ownership

According to the title search prepared by Kimbrough and Associates, Comerica Bank - Detroit is the current owner of the tract legally described in Appendix A.

4.2 Prior Ownership

The title search was reviewed to determine if the site has had ownership which would indicate possible environmental concerns.

The subject site was owned by D. P. Kinney and wife Beulah prior to July 10, 1896. Subsequent owners include various individuals, Board of Trustees of Austin City Public Free Schools, and the Calcasieu Lumber Company until acquired by the current owner, Comerica Bank - Detroit, on May 7, 1991. There do not appear to be any previous owners of environmental concern.

No industrial, mineral production, waste management or fuel storage companies were identified as past owners, nor were there any petroleum pipeline easements on the subject site. No easements of environmental concern have been recorded in the title history.

Please see Appendix A for a summary of pertinent title documents.

4.3 Review of Aerial Photographs

Aerial photographs were reviewed to help establish prior land use and for evidence of processes, facilities or surface features that might be an indication of storage or disposal of waste materials.

Aerial photographs used in this study are obtained primarily from the Texas Natural Resources Information System (TNRIS) collection. This state agency obtains photographs from a wide variety of sources including the Texas State Department of Highways and Public Transportation, United States Geological Survey, United States Department of Agriculture-Soil Conservation Service, National Aeronautics and Space Administration, United States Air Force, Tobin Map Service and private donations. SWL also maintains a library of photographs obtained from various sources for other investigations.

Please refer to Appendix D for copies of the aerial photos. The following summarizes the aerial photograph review:

DATE	SOURCE	PHOTO ID NUMBER						
January 15, 1951	SWL	3MI-3H-154						
Two warehouses are located near the western boundary of the subject site and a medium sized building is located at the corner of West Avenue and 5th Street on-site. Several other small buildings are also on-site but can not be clearly distinguished. Significant								

sized building is located at the corner of West Avenue and 5th Street on-site. Several other small buildings are also on-site but can not be clearly distinguished. Significant land scarring is also visible on the subject site. Several small buildings are located across 5th Street to the north and what appears to be a warehouse is located across West Avenue to the east. Warehouses or light industrial buildings are located across Shoal Creek to the north and west.

October 29, 1964 SWL DMI-4FF-103

The subject site has been developed with the buildings and parking areas currently on-site and appears to be used as a car dealership. One of the buildings near the west boundary has been enlarged and now extends along most of the western property line. The building at the southwest corner of West Avenue and 5th Street has also been enlarged. The property across 5th Street to the north has also been improved with what appears to be a car dealership. The remaining adjacent properties appear basically unchanged.

January 18, 1973 SWL 173-113

The subject site and adjacent properties are basically unchanged from the previous photograph.

DATE	SOURCE	PH	OTO ID NUMBER						
December 7, 1984	SWL		Pg. 79						
The two buildings located along the west boundary are no longer present. The parking lot on the western side of the property has been expanded to its present size. The adjacent properties are basically unchanged from the previous photograph.									
October 11, 1990	SWL		1-9-173						
The subject site and adjacent properties are unchanged from the previous photograph.									

Review of historical aerial photographs indicates the subject site was improved with several buildings and had significant land scarring possible related to building removal prior to 1951. The buildings currently on-site were constructed between 1951 and 1964. The site appears to have been used as a car dealership from prior to 1964 through 1990. Two buildings which were present near the west boundary of the site prior to 1951 were removed between 1973 and 1984. Adjacent properties to the east, south, and west appear to have been used as warehouses or for light industry prior to 1951 through 1990. The property to the north appears to have been used as a car dealership prior to 1964 through 1990.

4.4 Historical City Directories/Fire Insurance Maps

Sanborn Fire Insurance Maps

In the late nineteenth century, the Sanborn Company began preparing maps indicating construction materials of buildings of developed urban areas, which were to be used by companies offering fire insurance. With the advent of retail gasoline service stations, the locations of gas tanks were noted on the maps without indication of them being above ground or underground. These maps were updated and expanded geographically, periodically through the twentieth century. Sanborn Maps used in this project were made available through the University of Texas Barker Texas History Center. The most current Sanborn maps for the Austin area were prepared in 1971; the only other editions were published in 1877, 1889, 1900,

1935 and 1959.

The 1877 and 1889 Sanborn Maps do not cover the subject site. The 1900 Sanborn Map indicates the subject site was occupied by an abandoned gas works, located near the southwest corner of the subject site; an empty gas holder located near the northwest corner of the subject site; and a school, located near the northeast corner of the subject site. The property to the east across West Avenue is listed as a mill. The remaining adjacent properties are listed as offices, residences, or dry goods stores.

Review of a Radian Corporation report to the TDH regarding historic gasification plants indicates the gas works on-site processed pine knots for gasification.

The 1935 Sanborn Map indicates the site was only occupied by the school and a dry goods store near the southwest corner.

The 1959 Sanborn Map indicates the site was occupied by an auto dealership. No PSTs were noted. The buildings listed are the same configuration as those presently on-site. The map also indicates an air conditioning supply company occupied two buildings along the western boundary which are no longer present. A restaurant is listed as having occupied the northeast corner of the subject site. The adjacent properties are basically unchanged.

Polk City Directories

The R.L. Polk Company annually publishes directories, which are listings of residents, businesses and professional concerns organized both alphabetically by name similar to a telephone book, and alphanumerically by street name then specifically by street address. They also provide limited information on the nature of the business conducted at the site. Older Polk City Directories used in this study were made available through the University of Texas Barker

Texas History Center and more recent issues are in the SWL Library.

The subject site has been listed as 801 through 807 West 5th Street.

City directories dating back to 1886 were reviewed. The directories could not confirm the period of operation for the gas works. The subject site is listed as being occupied by mainly residences from the 1920's through the early 1940's.

The 1944 through 1953 Polk City Directories list the subject site as being occupied by a trucking company, an iron works, an auto dealership, and a restaurant.

The 1953 through 1990 city directories list the site as being occupied by an auto dealership, and a restaurant/bar. Austin Toyota is first listed as occupying the site in 1971.

5.0 ENVIRONMENTAL SETTING

5.1 Surface Water Characteristics

The 1988 7.5 minute United States Geological Survey (USGS) Topographic Quadrangle Map of Austin West, Texas was reviewed. Site topography is gently sloping, with surface runoff flowing south and west toward Shoal Creek. Elevation of the site is approximately 490 feet above mean sea level.

According to Federal Emergency Management Agency Flood Hazard Boundary Map # 480624 0075B, effective September 2, 1981, the site is situated in a flood hazard area. The nearest downgradient surface water is Shoal Creek adjacent to the south and west.

5.2 Soils

The United States Department of Agriculture Soil Conservation Soil Survey of Travis County

was reviewed. Soils on the subject site are of the Bergstrom-Norwood Association. These soil types are typically deep, calcareous, loamy soils, have permeabilities in the range of 0.020 - 0.63 inches per hour and are moderately corrosive to uncoated steel.

5.3 Subsurface Geology

The University of Texas Bureau of Economic Geology, Geological Atlas of Texas, Austin Sheet, and Environmental Geology of the Austin Area: An Aid to Urban Planning, were reviewed. According to these maps, the soils on the site are underlain by Fluviatile terrace deposits.

This formation is underlain successively by the following geologic units:

AGE	GEOLOGICAL UNIT	ROCK TYPE	APPROXIMATE THICKNESS IN FEET
Upper Cretaceous	Austin Chalk	Chalk, marl	325 - 420
Upper Cretaceous	Eagle Ford Group	Shale, chalk	25 - 65
Lower Cretaceous	Buda Limestone	Limestone	45
Lower Cretaceous	Del Rio Clay	Clay	40 - 70
Lower Cretaceous	Georgetown Formation	Limestone and marl	30 - 80
Lower Cretaceous	Fredericksburg Group (includes Edwards Limestone, aquifer)	Limestone and marl	85 - 490
Lower Cretaceous	Paluxy Sand	Sandstone	10
Lower Cretaceous	Glen Rose Formation (aquifer)	Limestone, dolomite	380 ±
Lower Cretaceous	Hensell Sand	Sandstone	40
Lower Cretaceous	Travis Peak	Sandstone, clay	400 ±

5.4 Groundwater Characteristics

The following sources were consulted in the review of hydrologic conditions in the vicinity of the subject site: Groundwater Quality of Texas, Report 89-01 (Texas Water Commission, 1989); Environmental Geology of the Austin Area: An Aid to Urban Planning (University of Texas, Bureau of Economic Geology, 1976); Occurrence Availability and Quality of Groundwater in Travis County, Texas (Texas Department of Water Resources Report 276, June 1983), Geohydrology of the Edwards Aquifer in the Austin Area (Texas Water Development Board, Report 293, March 1988); Hydrogeology of the Edwards Aquifer, Austin Area, Central Texas, (Bureau of Economic Geology Report of Investigations No. 141, 1984); Hydrogeology of the Northern Segment of the Edwards Aquifer, (Austin Report of Investigation No. 192, 1990), and individual water well completion reports at the Texas Water Commission.

There are two primary aquifer systems in Travis County, the Edwards (Balcones Fault Zone) and the Trinity Group.

The Edwards Aquifer consists of the Edwards and associated Georgetown and Comanche Peak Formations and produces water from several layers of highly permeable and porous karstified limestone and dolomite. Recharge occurs by downward percolation of the surface water from rivers or streams crossing the outcrop and infiltration of rainfall on the outcrop. Recharge waters reach the aquifer through solution features and faults in the Balcones Fault Zone generally to the west of Austin. Groundwater flow direction is affected locally by faulting, but is generally east/southeast.

The Trinity Aquifer is comprised of the Paluxy, Glen Rose and Travis Peak Formations which are composed of sand with interbedded clays, limestone, dolomite, gravel and conglomerates. Recharge through the unconfined portion of the aquifer is primarily from rainfall infiltration and seepage from surface water bodies in western Travis County. As with the Edwards Aquifer,

groundwater flow direction is modified locally by faulting and permeability inhomogeneities, but is generally to the east/southeast.

In addition to the primary aquifers, groundwater occasionally occurs in shallow, discontinuous or "perched" water-bearing units. These perched aquifers occur in the Austin area at the base of soil horizon where soil is in contact with weathered limestone bedrock, or in discontinuous sandy or gravelly layers in the alluvial terrace deposits. These shallow water units are generally utilized infrequently for local agricultural or domestic use in rural areas, but are the aquifers most likely to be impacted by releases from underground storage tank systems or surface spills. Flow direction in these units is highly variable, but is generally toward the nearest down gradient water body (lakes, creeks, rivers) and can be approximated by observing the surface topography. Recharge areas for these perched aquifers are very local, and they can be influenced by surface development of impervious cover (buildings, parking lots, roads), major road construction (underpasses, utility trenches) and variations in annual rainfall. A subsurface investigation including the installation of a minimum of three monitoring wells would be required if it becomes necessary to determine groundwater gradient on the site.

The Texas Department of Water Resources Report on the Occurrence, Availability and Quality of the Groundwater in Travis County indicates a typical water well in the area (YD-57-39-905) is drilled to approximately 176 feet, produces water from the Hosston Member of the Travis Peak formation and is used for domestic purposes. There are no water wells or springs on-site and the subject site relies on a municipal water supply. One temporary groundwater monitoring well was installed in a soil boring in the east central part of the site during a subsurface investigation in 1990. The well was removed after collection of groundwater sample.

5.5 Radon

Radon is a naturally occurring, odorless, colorless gas which is generated from the natural radioactive decay of radium and uranium which can migrate through permeable rocks and soils into buildings or be released to the atmosphere. The uranium concentration of underlying geologic material is a fundamental variable that determines the rate of underground radon production. Geologic materials that contain greater amounts of uranium, such as granites and shales, produce greater amounts of radon.

According to <u>The Texas Indoor Radon Survey 1992</u>, prepared by the Texas Department of Health, Bureau of Radiation Control, four areas in Texas have local geologic conditions supportive of radon potential; the High Plains, the Big Bend area, the Llano Uplift in Central Texas and several counties in Southeast Texas overlying Tertiary sands in the vicinity of some commercial uranium mining activities.

The subject site is not located near any of these areas.

5.6 U.S. Army Corps of Engineers Jurisdictional Wetlands

According to the <u>Corps of Engineers Wetlands Delineation Manual</u> (Technical Report Y-87-1), wetlands are defined as those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas.

Because of the thorough development of the site, it is unlikely there are any jurisdictional wetlands on the subject site.

6.0 RESULTS OF ON-SITE INSPECTION

6.1 Observations

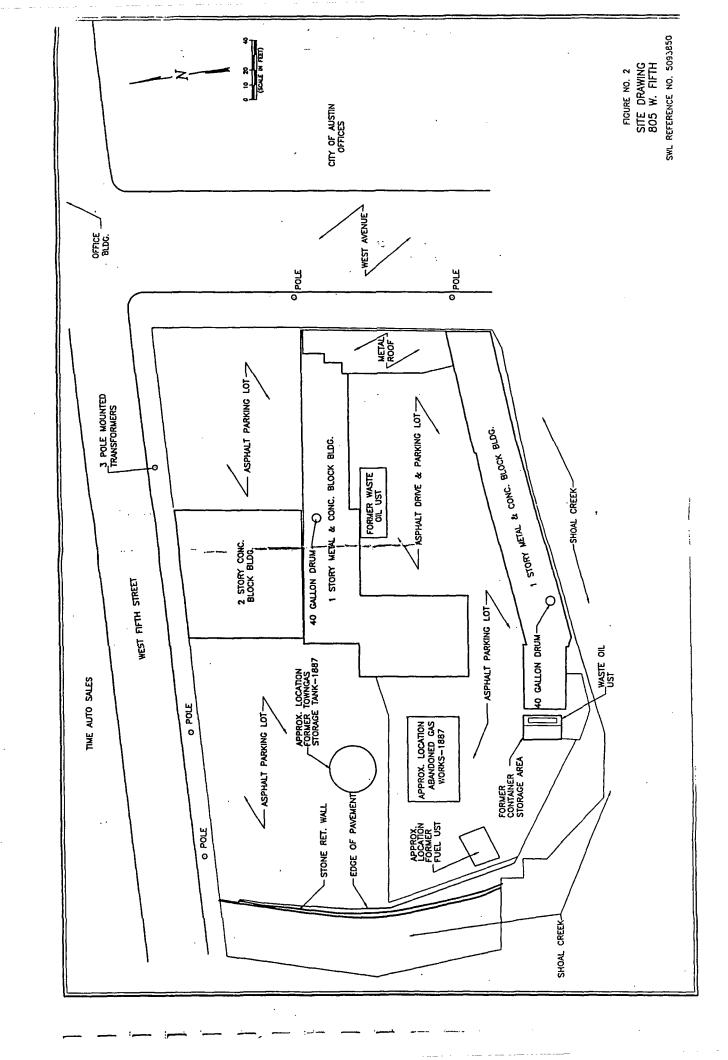
The ESA site visit was performed by Martin J. Gibson and Hilary D. Johns of SWL on July 23, 1993 at 10:30 A.M. The inspectors were accompanied by Joel Sher of the Kucera Company. The subject site is located in downtown Austin. The site has been improved with two buildings consisting of a main building with a showroom and service areas and a separate service building.

A detailed inspection was performed by walking the interior and perimeter of the site to document the presence of potential environmental concerns including past or present underground and/or above ground storage tanks, surface stains, distressed vegetation, solid waste disposal and electrical transformers.

The subject site was previously used as an auto dealership. The main building is a two-story structure constructed of wood, brick, and metal with a flat built-up roof over the main section and peaked metal roofs over the service areas. The building has a tiled floor showroom area with a glass wall partition on the first floor. The eastern half of the second floor is office space and the western half is a storage area.

Service and parts areas are attached to the eastern and western portions of the main building. The eastern portion appears to have been used as the main mechanical service area and has five hydraulic lifts. The lifts appear to be intact with their in-ground reservoir tanks and lines still in place. The floor of the service area has floor staining which would normally be associated with a garage service area.

The western portion of the main building appears to have been used for the body shop service area and has one hydraulic lift. The northern half of this building appears to have been the parts storage area, and has small amounts of stains on the floors.



The second building is located along the southern boundary of the site. The building consists of numerous service bays with garage doors. Two oil/grease sumps are located in this building. Both sumps are fed by drains which run from each of the service bays. The floor of the service bays also has staining normally associated with a garage. A small amount of soil staining was observed along the rear, west end of the building. Significant erosion has occurred at the rear of this building along Shoal Creek.

The oil/grease sumps both have approximately eighteen inches of oily liquid and sediment in them. The volume of each of the sumps could not be determined.

The remainder of the property has been paved with asphalt or concrete. An apparently new patch of paving is located on the south side of the eastern service bay of the main building. A UST was removed from this area several years ago. An AST used to store used oil is located at the west end of the second building. The removal the UST, and the AST are further discussed in section 7.0. Small amounts of staining were observed around the AST.

Three pole mounted transformers were observed at the front of the main building along West

Please see Figure 2 - Site Drawing and Appendix E for photographs taken during the site visit. A site assessment checklist completed during the site visit is retained in the project file.

5th Street. No dielectric fluid leakage or soil stains were observed around the transformers.

6.2 Hazardous Substance Identification/Inventory

The material inventory includes substances that may be dangerous to human health, safety or the environment. Sampling and analysis may be necessary to determine if these materials are hazardous or toxic as defined by EPA regulations.

One 40 gallon drum is located in the second building and appeared to be partially full of a hydrocarbon based liquid. A second 40 gallon drum partially full of lubricant is located at the west end of the eastern service bay of the main building. The drums were in good condition and free of leaks.

6.3 Results of On-Site Personnel Interviews

Mr. Joel Sher of the Kucera Company was interviewed during the site visit. Mr. Sher indicated that a LUST has been removed from the area south of the eastern portion of the main building. Mr. Sher did not have specific details of the removal.

6.4 Area Reconnaissance

The subject site is bounded by West 5th Street to the north, West Avenue to the east, and Shoal Creek to the south and west. Time Auto Sales and an office building are located across West 5th Street to the north. An office building, occupied by the City of Austin, is located across West Avenue to the east.

6.5 Asbestos Containing Materials

An asbestos containing building material (ACM) inspection was conducted on July 23, 1993 by Martin Gibson, TDH license No. 10-5057 using recommended EPA guidelines (EPA document 560/5-85-024). The purpose of the survey was to identify the presence and location of ACM.

The ACM inspection included:

- Surface material sprayed-on or troweled-on material
- Thermal insulation piping system, boiler insulation, etc.
- Miscellaneous material floor tiles, ceiling tiles, sheetrock, roofing, etc.

Materials not sampled during this inspection include roofing systems concrete materials, wooden

and metal doors, electrical wiring insulation, hidden and inaccessible components (i.e. piping in walls, hidden insulation treatments, etc.).

Sample Analysis

Samples were analyzed for asbestos content at Southwestern Laboratories using Polarized Light Microscopy with Dispersion Staining techniques (PLM/DS) in accordance with the Environmental Protection Agency's (EPA) "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" [40 CFR Part 763 Subpart F, Appendix A (Polarized Light Microscopy)]. The percentage of asbestos, where applicable, was determined by microscopical visual estimation.

Samples were analyzed at SwL Environmental, 4150-B Freidrich Lane, Austin, Texas 78744, NVLAP Certification No. 1502-02.

Results

Ten bulk samples of various suspected asbestos containing materials were obtained. Results of the analysis are given in Table 1; please refer to Appendix C.

ACM Inspection Summary

Four of the ten materials sampled during the asbestos inspection contained greater than one percent asbestos. One of material identified as containing asbestos was assessed as friable and, three were assessed as non-friable.

Friable Materials - ACM

"Friable" refers to materials which, when dry, can easily be pulverized, crushed or reduced to powder by hand pressure. The following materials were identified as friable asbestos-containing materials:

SAMPLE NO.	DESCRIPTION	LOCATION	APPROXINA AREA DINDITION	FIBER RELEASE POTENTIAL
850-9	Pipe elbow insul.	HVAC closet east service bay	10 elbows Fair	Medium

This material was assessed as being in fair condition with slight damage with a medium fiber release potential. This material should be repaired or removed by TDH-licensed personnel prior to renovation or reoccupancy of the building. Estimated removal cost for this material would be between \$1,500.00 - \$2,000.00.

Non Friable Materials - ACM

"Non-friable" asbestos-containing materials (ACMs) are materials containing asbestos firmly bound by plastic, cement, etc., and if handled carefully, will not become friable. When working with these materials, dust generating activities, such as sawing, sanding, or gross demolition should only be performed under controlled conditions. The following materials were identified as non-friable asbestos-containing material:

SAMPLE NO.	DESCRIPTION	LOCATION	APPROXIMATE AREA	CONDITION	FIBER RELEASE POTENTIAL
850-2	9" x 9" floor tile	Upstairs office	200 sf	Good	Low
850-7	Brown rolled flooring	East office	100 sf	Good	Low
850-8	Grey wall board	Upstairs storage area	50 sf	Fair	Low

The non-friable floorings were assessed as being good condition and can be maintained in place. The grey asbestos containing was assessed as being in fair condition but damaged. This material should be removed by qualified and licensed personnel and disposed of at an authorized facility. Estimated removal cost for this material would be between \$ 500!00 - \$ 1,000.00.

7.0 REGULATORY/GOVERNMENTAL AGENCY INQUIRIES

Regulatory information was reviewed to obtain information which might indicate the presence of hazardous and/or toxic materials at the subject site or adjacent properties. The following regulatory agencies at the federal, state, and local levels were contacted and relevant data was noted.

7.1 Federal and State Regulatory Agency Inquiries

Federal Superfund and CERCLIS Sites

The U.S. Environmental Protection Agency (EPA) maintains a list of federal Superfund sites and a list of Comprehensive Environmental Response, Compensation Liability Identification System (CERCLIS) sites. The CERCLIS list is a compilation of sites that the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (Superfund Act - CERCLA).

The search encompasses a one mile radius for Superfund sites and a one-half mile radius for CERCLIS sites.

There are no Federal Superfund sites listed within one mile of the subject site.

There are two CERCLIS sites within one-half mile of the subject site. The first CERCLA site is located at 2nd Street and Colorado Street, approximately 2,300 feet east and side gradient of the subject site. The site is the former location of the Austin Gas and Light Company, a coal gasification plant which operated from the late 1800's until the early 1900's. Coal tar was

produced as a by product. According to Ira Wilke, who was a foreman at the plant, the coal tar was recycled and was not disposed of on-site. In addition, the current owner of the site has not noticed any foul odor or other indication of waste disposal on the property. It is unlikely that this CERCLIS site poses an environmental impact threat to the subject site based on its distance and side gradient relationship to the subject site.

The second CERCLIS site is located at 100 Congress Avenue, approximately 2,400 feet east and side gradient of the subject site. The site is known as Lincoln Properties and is the location of a former coal gasification plant which operated from the late 1800's until the early 1900's. Coal tar was produced as a by-product and disposed of on the 100 Congress Avenue location. A contaminant plume has moved horizontally and vertically, contaminating adjacent soil and groundwater. The full extent of the contaminate plume of the CERCLIS site has not been fully delineated and the Texas Department of Health has supervised site remediation. It is unlikely that this CERCLIS site poses an environmental impact threat to the subject site based on it distance from the subject site.

Inventory of Open Dumps

The EPA Office of Solid Waste maintains a database of disposal facilities that do not comply with the EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257). These facilities are known as "Open Dumps".

The search encompasses a one mile radius of the subject site. There are no Open Dump sites listed within one mile of the subject site.

RCRA Notifiers/Violators

The EPA maintains a database of facilities that manage hazardous wastes and a database of those facilities that have received Resource Conservation and Recovery Act (RCRA) Class I violations.

RCRA facilities identified with a generator code of "G-1" generate at least 1,000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. A generator code of "G-2" indicates a facility that generates between 100-1,000 kg/month of non-acutely hazardous waste. A generator code of "G-3" indicates generation of less than 100 kg/month of non-acutely hazardous waste. A RCRA facility that stores hazardous waste is indicated by a code of "S" and a transporter of waste by "T".

There are fifteen RCRA notifiers within one-half mile of the subject site. The following listings encompass those facilities closest or likely to impact the subject site.

SITE NAME	ADDRESS	CODE	CLASS I VIOLATOR	DISTANCE/ DIRECTION
Austin Toyota	805 West 5th Street	G-2	No	On-site
Capital Chevrolet Inc.	500 N. Lamar Blvd.	G-1	No	500 feet/northwest
Benz Workshop	316 N. Lamar	G-1	No	600 feet/southwest
McMorris Ford	808 West 6th Street	G-2	No	500 feet/north
Town Lake Chysler Plymouth	841 West 6th Street	G-2	No	600 feet/northwest
Seaholm Power Plant	800 West 1st Street	G-2	Yes	1,200 feet/south

The subject site is listed as a class two generator by RCRA, but is not listed as a RCRA violator. There are four other RCRA Notifiers within 600 feet of the subject site, the closest of which is Capital Chevrolet Inc., 500 feet to the west. None of the four notifiers are listed as RCRA Violators.

The Seaholm Power Plant, located at 800 West 1st Street, approximately 1,200 feet south and down gradient of the subject site is listed as a RCRA violator. Based on its distance and down gradient relationship it is unlikely releases from this facility have impacted the subject site.

State Superfund Sites

The Texas Water Commission (TWC) Hazardous and Solid Waste Division maintains a registry of State Superfund sites.

The search encompasses a one mile radius of the subject site. There are no State Superfund sites listed within one mile of the subject site.

Discharge Incidents

The Texas Water Commission maintains a database of hazardous materials spills. The site was not included on this list and there are no incidents on the list within one mile of the site.

Solid Waste Landfills

The TWC Municipal Solid Waste Registration and Permit Database serves to track permits and registrations for landfills, transfer stations, sludge application sites, illegal dump sites, recycling facilities, medical waste generators and transporters.

The search encompasses a one mile radius of the subject site. There are no permitted facilities within one mile of the subject site.

Commercial Hazardous and Solid Waste Management Facilities

The Texas Water Commission maintains a database of facilities that manage commercial hazardous and solid waste.

The search encompasses a one mile radius of the subject site. There are no Commercial Hazardous and Solid Waste Management Facilities listed within one mile of the subject site.

Underground and Above-Ground Storage Tanks

The TWC maintains a registration list of petroleum storage tanks (PST) including underground storage tanks (UST), above-ground storage tanks (AST), and an active list of leaking petroleum storage tanks (LPST). The City of Austin Environmental Protection Department also requires registration of USTs and maintains a registration database.

There are twenty PST facilities listed within one-half mile of the subject site. The following is a listing of those facilities closest or most likely to impact the subject site. Unregistered tank systems observed during the area reconnaissance and located in the vicinity of the subject site are also included.

FACILITY NAME:

AUSTIN TOYOTA

Address:

805 West 5th Street

#/Size/Contents:

1/500 gallon/used oil

Installation Date:

1962

Discountation Dute.

on-site

Distance/Direction:

on-site

Topographical Relationship:

UST

AST/UST:

Registered

TWC Registration Status:

YES

IDENTIFIED LPST (Y/N): City of Austin Registration Status:

Registered

FACILITY NAME:

Address:

#/Size/Contents:

Installation Date: Distance/Direction:

Topographical Relationship:

AST/UST:

TWC Registration Status: IDENTIFIED LPST (Y/N):

City of Austin Registration Status:

CAPITAL CHEVROLET INC.

501 N. Lamar

2/unknown/gasoline

1/500 gallon/used oil

Unknown

500 feet/west

Up gradient

UST

Registered

YES

Registered

FACILITY NAME:

Address:

#/Size/Contents:

Installation Date:

Distance/Direction:

Topographical Relationship:

AST/UST:

TWC Registration Status:

IDENTIFIED LPST (Y/N):

City of Austin Registration Status:

COTHRON'S TEXACO SERVICE

701 West 6th Street

3/unknown/unknown

Unknown

200 feet/north

Up gradient

UST

Registered

Yes

Not Registered

FACILITY NAME:

Address:

#/Size/Contents:

Installation Date:

Distance/Direction:

Topographical Relationship:

AST/UST:

TWC Registration Status:

IDENTIFIED LPST (Y/N):

City of Austin Registration Status:

KATZ AND ATLAS INC.

613 West 6th Street

1/15,000 gallon/unknown

1939

350 feet/north

Up gradient

UST

Registered

No

Not Registered

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FACILITY NAME:

Address:

#/Size/Contents:

Installation Date: Distance/Direction:

Topographical Relationship:

AST/UST:

TWC Registration Status:

IDENTIFIED LPST (Y/N):

City of Austin Registration Status:

CITY OF AUSTIN

300 West Avenue

2/9,550 gallon/gasoline

1984 & 1974

500 feet/south

Down gradient

UST

Registered

. Tegistere

Yes

Registered

FACILITY NAME:

Address:

#/Size/Contents:

SAFEWAY RENTAL

311 Bowie

1/550 gallon/empty

1/2,000 gallon/unknown

1/4,000 gallon/diesel

Installation Date:

Distance/Direction:

Topographical Relationship:

AST/UST:

TWC Registration Status:

IDENTIFIED LPST (Y/N):

City of Austin Registration Status:

Unknown

400 feet/northwest

Up gradient

UST

Registered

No

Not Registered

The subject site is listed as a LUST facility by the TWC. Review of the TWC case file indicates the LUST on site was removed and the soils excavated in 1991. The facility is listed as having soil contamination only and the case is closed. Review of the case file indicated that elevated levels were apparently left in the ground.

During review of the case file, another UST previously on-site was referenced. According to a letter from a previous consultant to the TWC, a UST was removed in 1987 or 1988. No registration or construction notice regarding this tank could be found in the TWC databases or the case file. The letter also referenced that this tank had been damaged during a flood and had problems with leaks. The letter showed the location of the former UST as being near the southwest corner of the subject site.

cas \1993-proj\rcports\50850.2R

An approximately 1,000 gallon AST previously used to store waste oil is located at the west end of the rear building. Approximately one-half cubic yard of oily stained soil is present in the bermed tank containment area.

There are five UST facilities within 700 feet of the subject site, the closest of which is Cothrons Texaco Station, 200 feet north of the subject site. This facility had three USTs which have been permanently removed from the ground and is topographically up gradient from the subject site. This facility was listed as a LUST facility which had soil contamination only and the case is listed as closed and does not appear to pose an environmental impact threat to the subject site.

Three of the remaining PST facilities are also listed as LUST facilities by the TWC. All of the facilities are listed as having soil contamination only and each of the cases has been closed and do not appear to pose an environmental impact threat to the subject site.

Texas Air Control Board

The Texas Air Control Board (TACB) maintains records of air emissions, permits and violations.

There are no TACB regulated facilities on site.

7.2 Local Government and Utilities Inquiries

City of Austin Environmental Department

The City of Austin Environmental Department was contacted to determine of their records reflect incidents of environmental concern at the subject site.

This information was not available at the time this report was issued. When the information is received the information will be placed in the project file and the client contacted if

environmental impact to the subject site is indicated.

County Health Department

The Travis County Health Department was contacted to determine if their records reflect incidents of environmental significance on the subject site.

This information was not available at the time this report was issued. When the information is received the information will be placed in the project file and the client contacted if environmental impact to the subject site is indicated.

Fire Department Hazardous Materials and Spills Incidents

The City of Austin Fire Department records indicate that no spills incidents have occurred on the subject site.

This information was not available at the time this report was issued. When the information is received the information will be placed in the project file and the client contacted if environmental impact to the subject site is indicated.

Owner Of Electrical Transformers On-Site

The City of Austin has stated that unless otherwise labeled, pole mounted transformers have not been tested for PCB content. If the client wishes to have the on-site transformers tested for PCB content, a phone call should be directed to Jerry Fasel of the City of Austin Electric Utility Department at (512) 322-6465 for information.

City of Austin Historical Commission

A summary of area landfills prepared in 1984 by Underground Resource Management for the Austin Historical Commission was reviewed for this report. There are no landfills identified in

the URM report within one-half mile of the subject site.

City and County Records of Archeological/Historical Sites

The <u>Catalog of Texas Properties in the National Register of Historic Places</u> published by the Texas Historical Commission in 1984 and updated in April 1987 and January 1992 and the <u>Listing of Official Texas Historical Markers</u>, 1936-1989 were reviewed, and the subject site was inspected for evidence of Historical/Archeological markers.

According to these sources and the site inspection, there is no evidence the site is considered to be of archeological or historic significance.

7.3 Oil and Gas Well Review

According to Geomap Company Map No. MTGC 239, there are no oil or gas wells within one-half mile of the site.

8.0 CONCLUSIONS

The subject site was occupied by a gasification plant prior to 1900. The gas works building was located in the southwest corner of the subject site and the gas storage tank was located in the northwest corner of the subject site. No visible evidence of this facility was observed during the site visit or aerial photograph review. The exact time and duration that this facility was in operation and the disposition of the waste product, normally associated with gasification is unknown.

The west portion of the subject site was occupied by an iron works facility, and the middle portion of the site was occupied by a trucking company between the mid-1940's and mid-1950's. An air conditioning supply company occupied the western portion of the subject site from at least 1954 for an unknown length of time, but was no longer present by 1964. The northeast corner

of the subject site was occupied by a restaurant/bar from the mid-1940's through 1987. The remainder of the subject site had been occupied by various auto dealerships from the mid 1940's through 1971 when Austin Toyota first occupied the site. It could not be determined if the trucking company, iron works, or auto dealerships (other than Austin Toyota) previously on-site managed fuel or other potentially hazardous materials.

The subject site located in a flood hazard area and has a history of flooding.

The subject site is listed as a LUST location by the TWC. The LUST was used to store used oil and its associated soils were removed in 1988. The LUST was listed as soil contamination only and the case was closed by the TWC. Review of the case file indicated that TPH and lead levels above current TWC regulated levels were left in the ground. During review of the case file another UST previously on the subject site was referenced. The file indicated that this tank had been damaged during a flood and that it had problems with leaks. The report also indicated that the UST had been removed in 1987 or 1988. No TWC registration or construction notification for this tank could be found. According to the limited information in the file about the previous UST, it was located west of the rear building currently on-site. It is likely the tank was removed prior to the TWC's requirements for registration and construction notification.

The subject site was operated as an auto dealership from the middle 1940's through the late 1950's. Although there is no evidence to indicate UST's were operated on-site during that period is was common for auto dealerships to manage fuel and oil.

Two oil/grease sumps and associated drain lines are located in the service bays in the rear building on-site. The sumps currently have approximately eighteen inches of oily liquid and sediment in them.

One, approximately 1,000 gallon partially full AST is located at the west end of the rear building.

There are currently six hydraulic lifts located in the service bays on-site. The subsurface reservoirs and supply lines to the lifts appear to be in place.

One 40 gallon drum apparently filled with used oil is located in one of the service bays of the rear building.

Significant staining normally associated with an auto service shop was observed on the floors of the services bays. The stains appeared to be mostly oil and grease and are unlikely to have impacted the soils beneath the concrete slab.

There are at least twenty PST facilities within one-half mile of the subject site. Four of the facilities which are within 700 feet of the subject site are listed as LUST facilities by the TWC. All are listed as soil contamination only and the cases are listed as closed by the TWC. It is unlikely releases from any of these LUST facilities are impacted the subject site.

Four of the ten materials sampled were identified as containing asbestos. One was assessed as friable and three were assessed as non-friable. The materials were assessed as being in fair to good condition.

9.0 RECOMMENDATIONS

A subsurface investigation consisting of soil borings and monitor wells should be conducted to determine if waste associated with the gasification plant previously on-site are present beneath the subject site.

The investigation should also encompass the area around the removed LUST, undocumented UST removal, and selected areas of the site to determine if releases from the tanks or other operations previously on-site have environmentally impacted the subject site.

The contents of the oil/grease sumps, hydraulic lift reservoirs, 40 gallon drum, and AST should be removed and disposed of at an authorized facility. The sumps, reservoirs, and associated lines should then be removed and the soils beneath them sampled for hydrocarbon contamination. If hydrocarbon contamination above TWC regulations is present the soils be remediated.

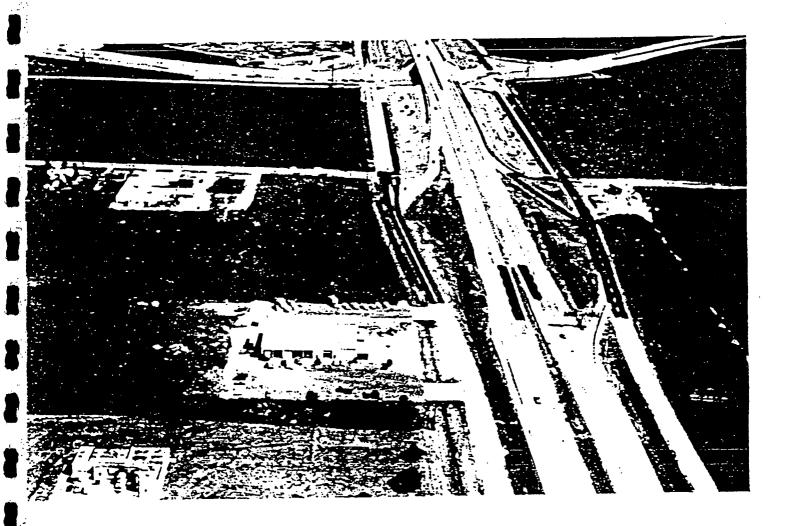
The friable pipe insulation in the east service bay and the non-friable wall board in the upstairs parts storage area should be removed or repaired prior to renovation or reoccupancy of the building. If asbestos containing floorings should become damaged or require repair, these repairs or removals can be conducted by individuals who have attended a Resilient Floor Covering Institute, asbestos flooring removal course, under the provisions of House Bill 79. When working with these materials, dust generating activities, such as sawing, sanding, or gross demolition should only be performed under controlled conditions.

10.0 REFERENCES

References are attached.

REFERENCES

Travis County, Texas





United States Department of Agriculture Soil Conservation Service In cooperation with Texas Agricultural Experiment Station



Speck-Tarrant association: Shallow, stony, loamy sails and very shallow, stony, clayey soils overlying limestone MAINLY DEEP, GENTLY SLOPING SOILS OF THE BLACKLAND PRAIRIES Houston Black-Heiden association: Deep, nearly level and gently sloping, calcareous, clayey soils overlying mark Austin-Eddy association: Moderately deep and shallow, calcareous, clayey and loamy soils overlying chalk Burleson-Wilson association: Deep, clayey and loamy soils overlying mark Ferris-Heiden association: Deep, rolling and moderately steep, calcareous, clayey soils overlying mark MAINLY DEEP, NEARLY LEVEL AND GENTLY SLOPING SOILS OF TERRACES AND FLOOD PLAINS ADJACENT TO THE COLORADO RIVER Bergstrom-Norwood association: Deep, calcareous, loamy soils overlying recent and old alluvium Travis-Chaney association: Deep, acid, loamy salls overlying old alluvium Lewisville-Patrick association: Deep and moderately deep, calcareous, clayey //10/ soils overlying old gravelly affuvium

Compiled 1972

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ENGINEERING PROPERTIES

where kinds of soil. The soils in such mapping units may have different properties and limitations, and for other series that appear in the first column of this table]

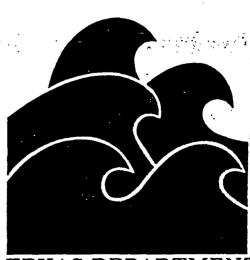
	that appear in					
Degree and	kind of rContinued	Soil fe	eatures affecting	Corrosivity and contributing features		
Farm po		Irrigation	Terraces and	Waterways	Uncoated	Concrete
Reservoir area	Embankments		diversions		steel	
Moderate: moderate permeability.	Moderate: fair slope stabil- ity.	Moderate in- take rate; undulating topography.	Moderate cracking.	Moderate cracking.	Moderate: resistivity.	Low.
Severe: bed- Frock at a Frock at	fair slope stability.	Moderately slow intake rate; undu- lating to- pography; bedrock at a depth of 24 to 54 inches.	cracking.	Moderate cracking.	Moderate: ') resistivity.	Low.
Moderate: moderate permeability.	Moderate: fair slope stabil- ity.	4	Features gen- erally favor- able.	Features gen- erally favor- able.	Moderate: resistivity.	Low.
Moderate: moderate permeability.	Moderate: fair slope stabil- ity.		Features gen- erally favor- able.		Moderate: resistivity.	Low.
excessive seepage.	Severe: 10 to 20 inches of material.	Shallow	Shallow	Low available water capacity.	High: resistivity.	Low.
Jone to slight-	Moderate: fair slope stability.	Very slow intake rate; undulating topography.	Severe cracking.	Severe cracking.	High: silty clay texture; resistivity.	Low.

NIFICANT IN ENGINEERING

kinds of soil. The soils in such mapping units may have different properties, and for this reason it is appear in the first column. The symbol < means less than; the symbol > means more than]

				· · · · · · · · · · · · · · · · · · ·		
Percentage pa	ssing sieve			Aveileble		
No. 10 (2.0 mm.)	No. 40 (0.42 mm.)	No. 200 (0.074 mm.)	Permeability	water capacity	Reaction	Shrink-swell potential
			Inches per hour	Inches per inch of soil	<u>Hq</u>	
95-100	95-100	80-95	0.63-2.00	0.15-0.18	7.9-8.4	High.
95-100	95-100	75 - 95		0.15-0.18	7.9-8.4	Moderate.
95-100 95-100	95-100 95-100	85-95 85-95	0.20-0.63 0.20-0.63	0.15-0.18 0.15-0.18	7.9-8.4 7.9-8.4	High. Low.
98-100	98-100	85-95	0.63-2.00	0.16-0.19	7.9-8.4	Low.
98-100	96-99	85-97	· 0.63-2.00	0.17-0.19	7.9-8.4	Moderate.
98-100	94-99	85-97	0.63-2.00	0.16-0.17	7.9-8.4	Low.
80-100	55-67	40-50	0.20-0.63	0.10-0.12	7.9-8.4	Low.
80-90	55-67	40-50	0.20-0.63	0.10-0.12	7.9-8.4	Low.
85-100	76-97	70-95	<0.06	0.15-0.19	6.1-7.3	High.
90-100	75-95	70-95	<0.06	0.15-0.19	7.4-8.4	High.
95-100	80-85	25-35	0.63-2.00	0.08-0.11	6.1-6.5	Low. Moderate. Low. Low.
100	87-92	51-60	0.06-0.20	0.15-0.18	5.1-6.0	
100	83-87	40-49	0.06-0.20	0.14-0.16	4.5-6.5	
98-100	87-92	40-49	0.63-2.00	0.14-0.16	5.6-8.4	
100	95-100	95-100	<0.06	0.17-0.19	6.6-7.3	High.
85-90	80-90	80-90	<0.06	0.17-0.19	6.6-7.3	
95-100	95-100	45-55	0.63-2.00	0.13-0.15	6.1-7.3	Low.
97-100	95-100	65-80	<0.06	0.15-0.17	6.6-8.4	High.
98-100	95-100	90-95	0.06-0.20	0.18-0.20	7.9-8.4	High.
55-60	50-55	44-49	0.06-0.20	0.12-0.17	7.9-8.4	High.
	No. 10 (2.0 mm.) 95-100 95-100 95-100 98-100 98-100 80-100 80-90 85-100 90-100 100 98-100 100 98-100 98-100 98-100 98-100	(2.0 mm.) (0.42 mm.) 95-100 95-100 95-100 95-100 95-100 95-100 98-100 98-100 98-100 94-99 98-100 96-99 80-100 55-67 85-100 76-97 95-100 80-85 100 87-92 100 87-92 100 85-90 95-100 95-100 95-100 95-100 95-100 95-100 98-100 95-100 95-100 95-100 95-100 95-100 95-100 95-100 95-100 95-100 95-100 95-100	No. 10 (2.0 mm.) (0.42 mm.) (0.074 mm.) 95-100 95-100 80-95 75-95 95-100 95-100 85-95 95-100 85-95 98-100 98-100 85-95 98-100 98-100 85-97 80-100 96-99 85-97 80-100 55-67 40-50 85-100 76-97 70-95 85-97 80-100 85-95 70-95 95-100 80-85 25-35 100 87-92 40-49 98-100 87-92 40-49 100 83-87 40-49 98-100 95-100 85-90 95-100 95-100 95-100 85-90 95-100 95-100 98-100 95-100 90-95	No. 10 (2.0 mm.) No. 40 (0.42 mm.) No. 200 (0.074 mm.) 95-100 95-100 80-95 0.63-2.00 95-100 95-100 85-95 0.63-2.00 95-100 95-100 85-95 0.63-2.00 98-100 98-100 85-95 0.63-2.00 98-100 98-99 85-97 0.63-2.00 80-100 96-99 85-97 0.63-2.00 80-100 55-67 40-50 0.20-0.63 80-100 76-97 70-95 (0.06 80-90) 85-100 96-99 85-97 0.63-2.00 87-92 40-49 0.63-2.00 100 87-92 51-60 0.06-0.20 100 87-92 40-49 0.63-2.00 100 87-92 40-49 0.63-2.00 100 87-92 40-49 0.63-2.00 100 95-100 95-100 95-100 (0.63-2.00) 95-100 95-100 95-100 (0.63-2.00) 95-100 95-100 95-100 (0.63-2.00) 95-100 95-100 95-100 (0.63-2.00) 98-100 95-100 95-100 (0.63-2.00) 98-100 95-100 95-100 (0.63-2.00) 98-100 95-100 95-100 (0.63-2.00) 98-100 95-100 95-100 (0.63-2.00) 98-100 95-100 95-100 (0.63-2.00) 98-100 95-100 95-100 (0.63-2.00) 98-100 95-100 95-100 (0.66-0.20)	No. 10	No. 10

OCCURRENCE, AVAILABILITY, AND QUALITY OF GROUND WATER IN TRAVIS COUNTY, TEXAS



TEXAS DEPARTMENT OF WATER RESOURCES

All wells are drilled unless otherwise noted in remarks column.

Water-bearing unit nersian notation of the comment of t Regr, Glen Rose Formation undifferentiated; Kegru, upper member of Glen Rose Formation; Kegrl, lower member of Glen Rose Formation; Rehe, Hensell Send Hember of Travis
Peak Formation: Kecc. Cow Greek Limestone Member of Travis Peak Formation; Reho. Houston Hember of Travis
Peak Formation: Kecc. Cow Greek Limestone Member of Travis Peak Formation; Reho. Houston Hember of Travis
Peak Formation: March Formation Member of Travis Peak Formation; Reho. Houston Hember of Travis

Group.

Water Levels

Reported water levels given in feet; measured water levels given to the nearest tenth Or hundredth of a foot.

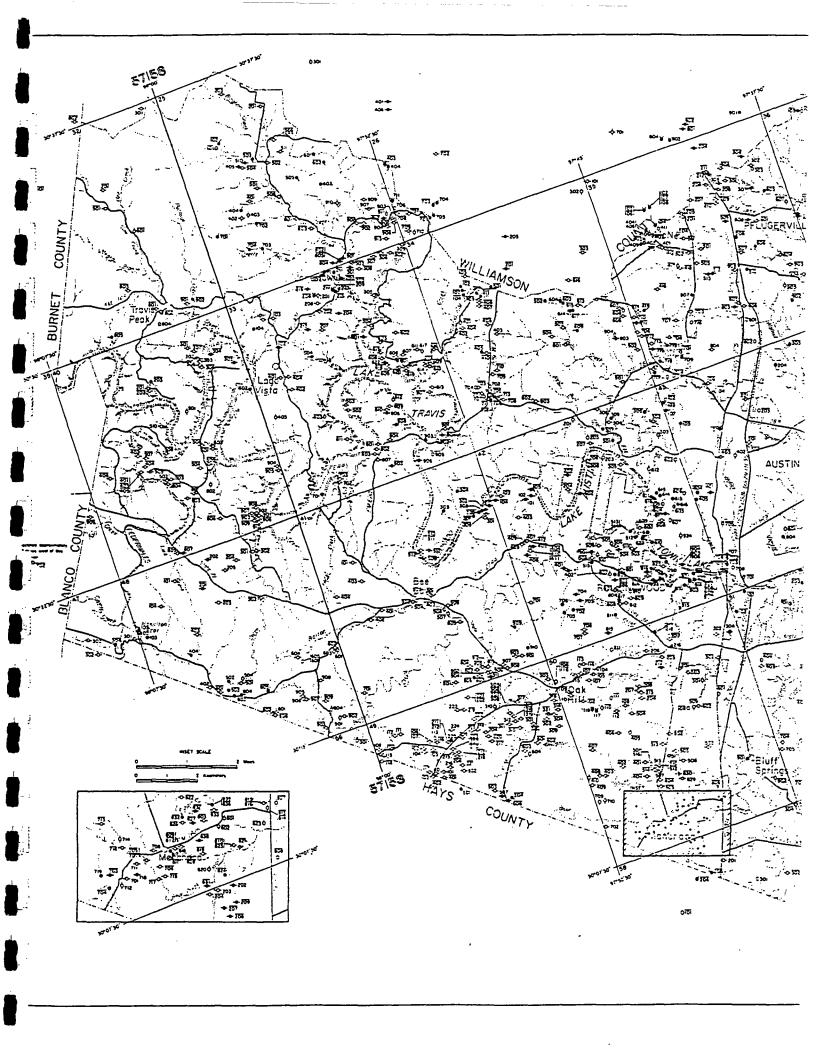
Hethod of lift and type of powers: C, cylinder; Cf, centrifugal; E, electric; G, natural gas; butane, or gasoline; H, hand; J, jet; H, none; S, submerable; T, turbine; W, windmill.

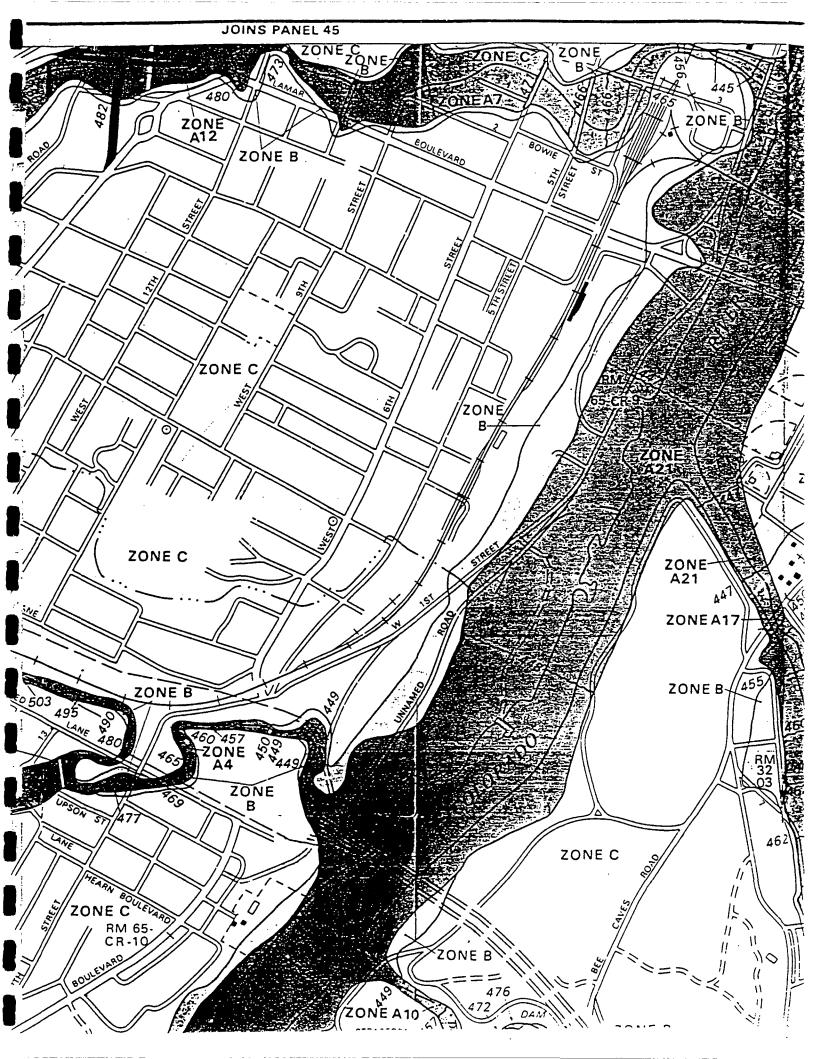
Use of Water

1 D, domestic; Ind, industrial; Irr, irrigation; H, none; F, public supply; S, livestock.

Г						Cool	ng I				er level			
	Well	Ovner	Driller	Date completed	Depth of well (ft)	Diam- eter (in.)	Depth (ft)	Water bearing unit	Altitude of land surface (ft)	Below land- aurface datum (ft)	Date of measurement	Hethod of lift	Use of water	Remarks
												1		
1			j					Travis Cou	nty i i					
	rD-57-32-201	(b) (6)			••	5		••	1,089	263.30	Aug. 24, 1970 July 24, 1973	C, ¥	D, 8	Well A-1 in 1937 Travia County Report. Y
1.	301	do	}	••	225	4	٠٠	Keho	305	150	Aug. 25, 1972	C, E	D, S	
	601	(b) (6)	John Heine	1910	25	•	75	Khe	850	65 50.60	July 1950 June 7, 1971	c, ¥	¥	Abandoned. Well A-27 in 1957 Travie County report. 9 9
1.	801	(b) (6).	S. W. Senford	1540	125	•	40	Kcho	745	40 37.40	1949 June 8, 1971	C, E	D, 8	Well A-25 in 1957 Travio County report. 43
-	802	do			28	36	28	Kche	770	23.35 23.30	June 2, 1966 Mar. 15, 1978	c, ¥	D	Well A-26 in 1957 Travis County report. 43
.	803	(b) (6)	S. W. Senford	1947	103	•	103	Kche	●60	76.32 76.90	July 13, 1950 Mar. 16, 1978	J, E	D, \$	Wall A-21 in 1957 Travia County report. 49
	804	(b) (6)	Meson-Johnston and Associates	1953	214			Keho	\$ 70	••			*	••
•	803	(b) (6)	-		Spring	••		Rche	790	••		Flove	D, S	Retimated flow 5 gal/min on Aug. 25, 1972.
•	901	(b) (6)	-	1944	75	6		Rche	720	••		C, E	D, S	. ••
	902	₫ ọ		••	Spring			Rche	700			Flows	••	Spring in conglowerste with several openings. Another small apring at house, Reported flow 10 gal/min on May 10, 1766, Well A-28 in 1937 Travis County report. y
1.	39-905	(b) (6)	Central Texas Drilling Company	1967	176		176	Reho	925	48.80 48.95	Mar. 11, 1974 Mar. 15, 1977	5, E	0, 1	Reported yield 10 gal/min on Aug. 18, 1972. Blotted from 116 to 176 feet. 3
1.	40-201	(b) (6)	Doyle Baker	1949	159	4	159	Kcho	760	90.27	Mar. 16, 1978	8, E	D, S	Well B-9 in 1957 Travia County report. 4 3
	202	do .	Wright Drilling Company	1960	129	6	129	Reha	725	••	-	C, 2	P	Temp. 73°F on April 19, 1967. 3
1.	203	do			Spring	••		Regri	770	••		Flows	•	Cherry Spring. Estimated flow 5 gal/min on August 25, 1972
.	301	(b) (6)	Stersing Drilling Company	1965	425	7	39 367	Kche	970	300 240, 50	Sept. 20, 1965 Hay 26, 1967	s, t	D, \$	Open hole completion from 367 to 425 (t. Fumping level 325 ft at 12 gal/min on Sept. 20, 1965. Temp, 73°7, 5
	302	(b) (6)	Fagrar Wall brilling Company	1963	180	,	179	Keho	715	70	Dec. 12, 1963	5, 2	D	Slotted 47 ft at bottom. Reported pumping level of 103 ft at 15 gal/min in Dec. 1966. Pump eet at 168 ft. Jy
	303	(b) (6)	Stersing Drilling Company	1962	510	•	210	Keho	695	16.20 37.11	May 16, 1968 Mar. 15, 1978	3, 2	P	Perforated from 165 to 185 ft. Cemented from 2 ft to surfece. y

See footnotes at end of table.





GEOLOGIC ATLAS OF TEXAS, AUSTIN SHEET

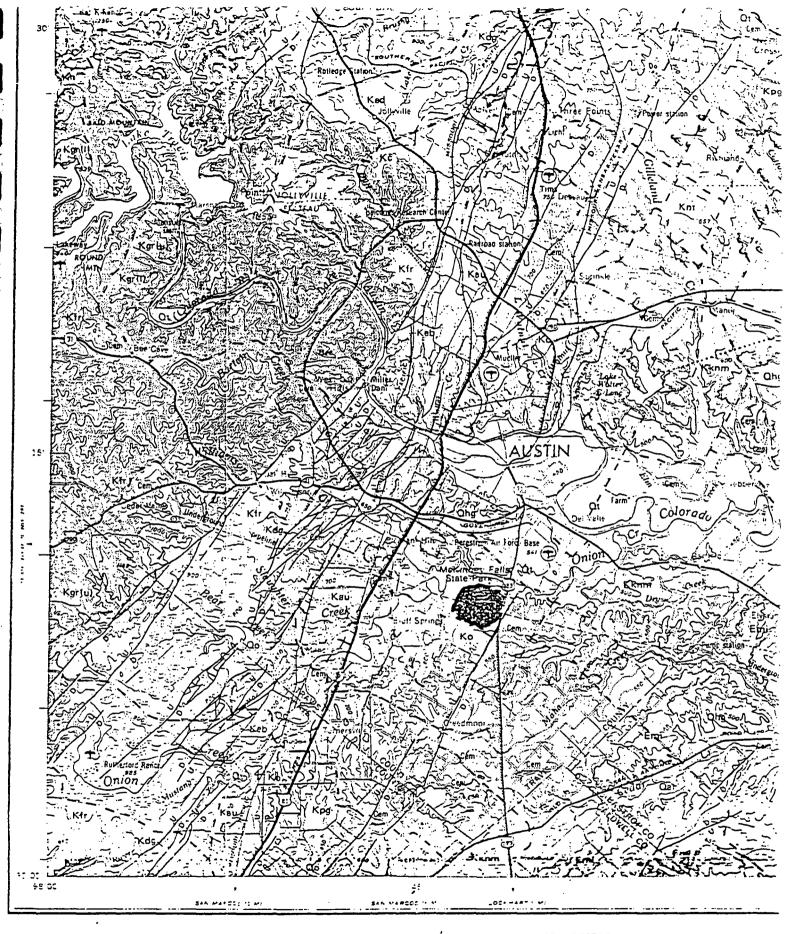
FRANCIS LUTHER WHITNEY, Memorial Edition

VIRGIL E. BARNES, Project Director



1974

Second Printing, June 1981



Preceived by the Army Mad Service (AUS), Corp. or Engineers, U.S. Army, Visin Ingron, D.O. Combiled in 1954 by photographic ethic methods, mornicing and vertical control by USGS and USGAGS. Askie, photography 1951-58, Photography (196 annotated 1954), Limited (90)847 by U.S. 391 opical Survey 1965.

To IDC-feet prios divien on Revasing in Care system out this and size of

VIRGUÉE, BARNES PROFECT DIRECTOR

Geologic mapping by Shell Oil Company, Humble Oil & Refining Company. Mobil Oil Company, Shell Development Sumpany, C. V. Proctor, Jr., T. E. Erbwin, J. H. McGowan, M. B. Waechter, and sources shown in the Index of Geosics Meabing. C. V. Proctor, and T. E. Erbmin, L. H.



HISTORICAL COMMISSION TEXAS P.O. BOX 12276

AUSTIN, TEXAS 78711

March 26, 1992

Rhanda G. Chance Southwestern Laboratories P.O. Exx 8768 Houston, TX 77249

RE: Listing of Official Texas Historical Markers in Texas

Dear Ms. Chance:

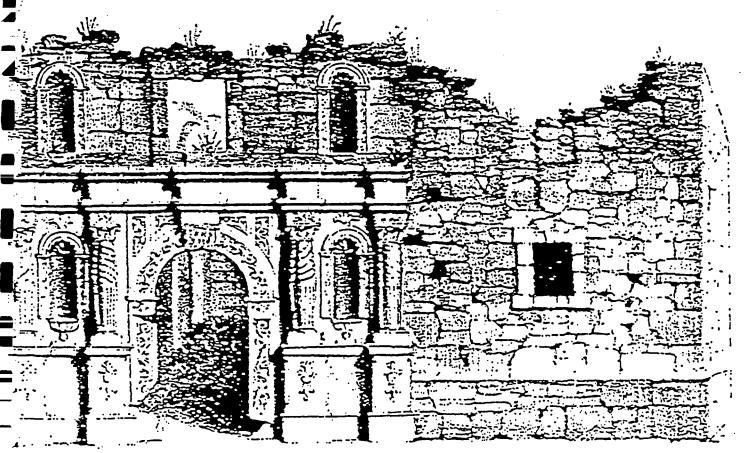
Enclosed is a list of all Official Texas Historical markers completed in this area through 1989. The list is in two parts, 1936-1982 and 1983-1989.

Please note that there are 2 types of OHMs. "Subject markers" are for historic figures, ceneteries, events, graps, and some buildings. They are solely educational in nature and convey no legal restrictions or protection to the property upon which they are erected. "Building markers" are for structures with historical and architectural significance. These buildings are formally designated as Recorded Texas Historic largests, and the designation brings a degree of legal protection to such structures.

The enclosed list contains 8 columns, whose headings are as follows: Marker Title, Incation, City, County, *Category Code, Year (year placed), **RIHI/ Medallion Number, ***Size and Type of Marker, and REFL (the year the "original" marker was replaced).

- * The Category Code (also indicated by CL, C2 and C3), indicates the subject and content of the marker. A marker could have up to three codes. An explanation of the Category Codes is enclosed.
- ** Markers having a notation in the RIHL/Medallion column are RIHIs. If there is not a notation in this column, the marker is a subject marker. (RIHL notations are generally for our internal use only and tell what size marker was issued. There are 3 types of notations. An "R" followed by 4 digits indicates that the marker contains a medallion, and the 4-digit number is the medallion's i.d. number. The "RIHL" notation irdicates that the applicant chose to place a larger marker that does not contain a separate medallion. Accordingly, there is no i.d. number. In these instances, the marker style will be either S or L, two types normally used for subject markers. The "RNK" notation indicates the marker does contain a medallion, but that its i.d. runber is unknown.)

Texas Properties
in the National Register
of Historic Places



Fublished by the Texas Historical Commission 463 6100
ask & National Register



United States
Environmental Protection Agency
Region 6

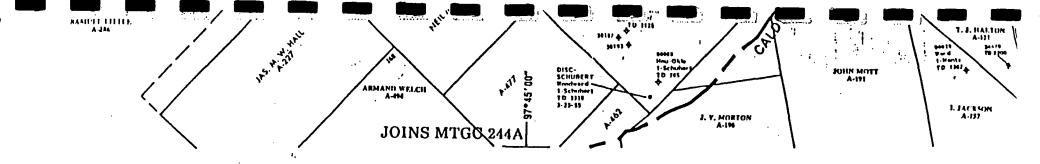


Fall 1992

PROGRESS AT SUPERFUND SITES IN TEXAS



Superfund is the common term for the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), as amended, the Federal law that provides remedies for uncontrolled and abandoned hazardous waste sites. The U.S. Environmental Protection Agency (EPA) administers and enforces CERCLA in Texas in cooperation with the Texas Water Commission (TWC). The State of Texas currently has 29 sites on EPA's National Priorities List (NPL) of hazardous waste sites, which qualifies them for cleanup under the Federal Superfund program. A 30th site—Harris (Farley Street) in Houston—was deleted from the NPL in 1988 following completion of remedial work and determination the site no longer poses a threat to human health or the environment. At 21 of the current 29 NPL sites, immediate steps were taken to protect public health and the environment from imminent danger while studies to determine the actions necessary for full remediation were conducted. Four of the 29 sites are now in the Operation and Maintenance phase after completion of remedial work. At 21 other sites, remedial action is either being designed or implemented. The remaining four sites are in various stages of study. This report includes a brief site-by-site description of the progress of the Superfund program in Texas. Terms in italics are defined in the



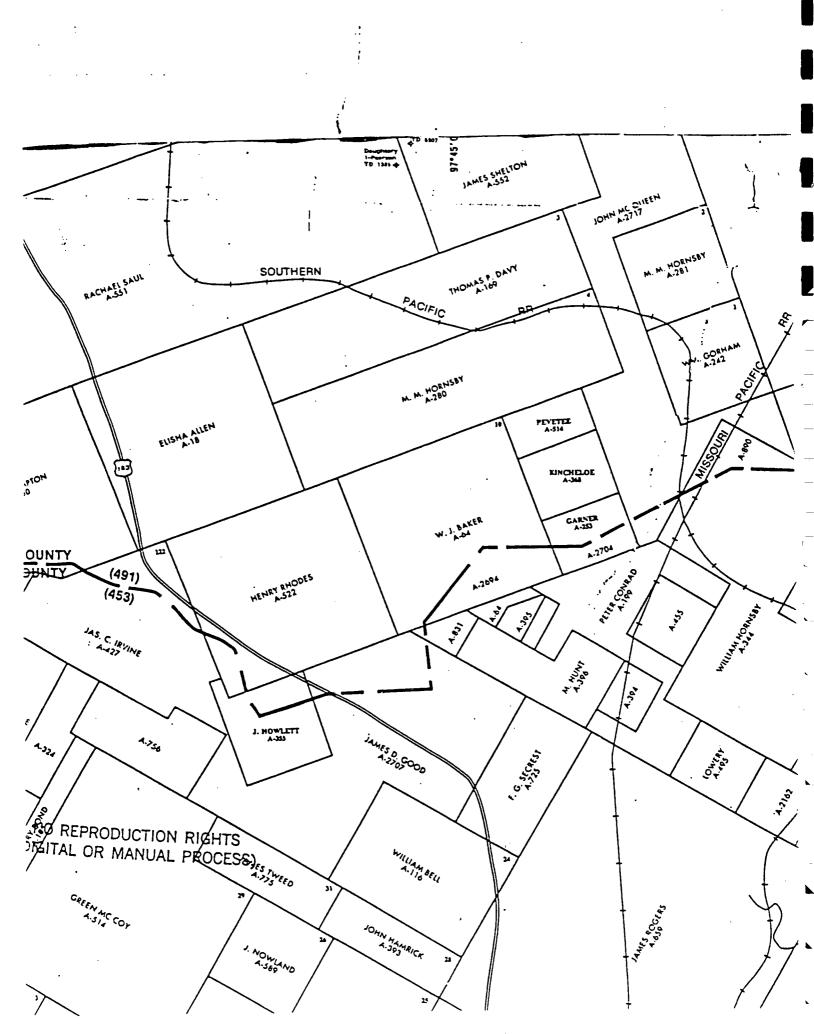
MIDDLE TEXAS GULF. COAST MAP NUMBER-MTGC 239

GEOMAP COMPANY

ED TO: JUNE 21, 1991

PROJECT 12

SCALE 1" = 400 2000 4000 6



CITY OF AUSTIN - UNDERGROUND STORAGE TANK REPORT

<u>KEY</u>

TANK ID: Number (as on plan), maximum total holding capacity, material stored

AGE: Installation month/installation year of tank

TANK: Material of construction of tank

FRP - fiberglass reinforced plastic

S/FRP - steel/fiberglass reinforced plastic

SV - single vall tank
DV - double vall tank

PIPES: Material of construction of lines

SW - single wall lines DW - double wall lines

PUMP: S - suction pump

P - Pressure (remote) pump

L. DET: Leak detectors installed on lines (Y - yes, N - no)

I. VALVES: Anchored impact valves installed (Y - yes, N - no).

TESTED: Date tank was last tested or monitored

RESULT: P - tank passed test

F - tank failed test

TESTING DUE: Date by which tank should be next tested or monitored

Nov 10, 1992

INVENTORY OF OPEN DUMPS
June, 1985

OFFICE OF SOLID WASTE ENVIRONMENTAL PROTECTION AGENCY

	'+		
TH COFFEE HOWTH OF SEMAGE TREATMENT PLY	HOT APPLECABLE	ANNOTA ENCLINEES HE DEALFOR	WENT CENTER SANETARY LANDFILL
TH NAMILTON CO	CHATTAHOOGA	U.S. PIPE NO FOLHORY 35 01 42 465 17 21	67 •2
TH RUTHERFORD OLD JEFFERSON, PIKE AT US 41-A AND SAM	LAVERGNE RIDLEY PARKHAY	JOHN HTLKERSON DURW 36 00 00 006 32 30	06 07 09 11
TH SHELDY 3003 MARVESTER LANE	HENPHIS	RYTESVANA JANGITANRITHE	01
TH SHELBY HORTH SECOND STREET AT SOUTH END OF THE	MEMPHIS I NOLF RIVER BRIDGE	72 77 32 040 65 20 HOMAIN RECORD BINEEL BILE	01 09
TH SHELBY COUNTY 1701 THOMAS	HENFILS	MID AMERICAM RECYCLING	01 03 09
TX BRAZORIA PREYD DY LAM STIMU MANN HOGERY YSHINS	HOT APPLICABLE IR CREEK AY GYEY	TX DEPT OF CONRECTIONS RAN 19 17 00 095 33 15	SEY UNIT 2 ROSHAROH EX
TX CAMERON 3 HILES HE OF BROISHEVILLE 1.3 HI HE OF	NOT APPLICABLE	BROWNSVILLE LANOFILL ES S4 09 097 23 24	•1
TX CAMP 2.0 MILES HOLOF PITTSHAME H OF PH 1250	PIYTSBURG	PITTIBUMG LANDFILL 33 01 30 094 57 15	•
TX COCHRAM 0.4 HZ M OF SM 214, 0.6 HZ SM OF FM 597	HORTON HORTON	CITY OF HORTON LAMPTILE 33 44 34 182 43 81	•7
TX COOKE HORTH SIDE OF FN 902, 2.5 HILE S EASY O	GAINESVILLE F THE INT. OF FM 372	CITY OF GAINESVILLE LAMBFE	LL 04
TX SREED TO US 259 HORTH OF PH 34	RILGORE PLEAST OF CITY LIHITS	CITY OF KILDORE LAMOFILL 32 24 24 994 50 60	03
TX HAMMIS 12718 CHUNCH ST.	HOUSTON	MESTERN REPUSE OF TEXAS IN 89 44 37 095 18 38	
TX JOHES 4.0 HILES SE OF AHSON 3.5 HI E OF US 27	AHSON 7/83 END OF CO. ROAD	MISON EMBFILE 3E 42 37 099 50 30	47
TX REASAN DE BIG LAKE S OF US 67	BIG LAKE	816 LAKE LANDFILL 31 11 45 101 30 00	47
TX STARR 3.0 MILES HA OF ROHA 1.0 HILE N OF FH 4	- •	ROMA LANDFILL 26 26 20 679 83 36	07
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TX ZAPATA E HILES SE OF SAN YMMACIO AND 358 YARDS	EAST OF US 83	ZAPATA COUNTY LAMPILL 27 01 54 099 24 42	es .
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	BLANDING FRIT	HITTE HESA BISPOSAL SITE	66 67 69 12 Springwarehart 9 3 20 P. S.
UT BAN JUAN NA ME SHEAMETH TRANSME POST	HOT APPLICABLE	ARCOTE TROOP BHICKET HEMA SEE SEE SEE SEE SEE SEE SEE SEE SEE SE	96 11
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UST DATABASE 'STATUS' CODES

The following codes should be used in the 'STATUS' field as appropriate:

Haz-Mat Permit Status

P= facility currently permitted through ECSD

P- facility currently permitted through AFD

E= facility permit expired

N= non permitted facility

X= exempt facility

C= permanently closed facility

In-Service and Remediation Status
The following letters should be added when appropriate after the Haz-Mat
Permit Status letter, separated by a hyphen (ex: P-0, P-R, C-I, etc.):

O= All of facility's USTs currently out-of-service

o= One or more of facility's USTs currently out-of-service

I= tanks removed but closure not fully completed

R= long-term contamination remediation currently in progress

Non-standard Permit Numbers
Non-standard permit numbers should be assigned as follows:

No permit number- NOOOl through N9999

Exempt permit number- EX001 through EX999

Out-of-ETJ permit number- OJ001 through OJ999

Permanently closed UST system permit number- C0001 through C9999

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Fecility	Address	Tel #	MAP REF	ID #	Status	Permit Expires
AUTO REPAIR SHOP	1710 E 2ND ST, 78701		K21	c0301	c	
S W BELL - CUSTOMER SERV	3707 S 2ND ST,	870-2985	G19	CO272	c	
BNK 63	201 E 3RD ST, 78701		J22	CO281	С	
AUSTIN CARBONICS	501 E 3RD ST, 78701		,J22	CO142	С	
SETH ENGINE PARTS	617 E 3RD ST, 78702		J 22	CO277	C-R	
YOUNG & PRATT	702 E 3RD ST, 78701		J22	CO105	С	
INDUSTRIAL LAMINATES	1806 E 4TH ST, 78702		K21	CO106	С	
OLD SPAGHETTI WAREHOUSE	117 ¥ 4TH ST, 78701		J22	CO331	C-I	
VACANT LOT	311 E 5TH ST, 78701	258-7711	J22	H0017	N-0	
COA AFD FIRE STATION #1	400 E 5TH ST, 78701	472-0512	J22	00189	P	6/18/94
AUSTIN CAT AND DOG HOSPITAL	506 E 5TH ST, 78701		J22	CO196	C-1	•
FINLEY CO	509 E 5TH ST, 78701		J22	CO155	C-IR	
SOUTHERN PACIFIC TRANSPT	900 E 5TH ST, 78701		J22	CO163	C	
SAFE-WAY FARM PRODUCTS	2601 E 5TH ST, 78702		K21	c 0201	С	
BURNUP & SIMS	2716 E 5TH ST, 78702	476-6777	K21	00735	F	6/18/94
CAPITAL METRO	2910 E 5TH ST, 78702	385-5168	K21	03030	P-0	6/18/94
CINTAS CORPORATION	3227 E 5TH ST, 78702		L21	c0199	С	
BLUE BIRD SOFT SERVE	3228 E 5TH ST, 78702		L21	CO108	c	
CENT TX DIESEL INJ	3500 E 5TH ST, 78702		L21	CO198	c	
AUSTIN OXYGEN CO	3519 E 5TH ST, 78702		L21	C0109	c	
ALLIED SALES	5001 E 5TH ST, 78702	385-2167	121	CO239	c	
USPS - SOUTH AUSTIN	1806 S 5TH ST, 78764	929 1232	H20	EX043	x	
COVERT BUICK	500 W 5TH ST, 78701	476-4761	J22	01696	F-c	6/18/94
COVERT BUICK (NUECES/STH)	600 W 5TH ST, 78701		J22	co237	c	:
AUSTIN TOYOTA INC	y 805 W 5TH ST, 78703 🦙	•	J22	c0203	c	
S W BELL - SERVICE OP	1301 W 5TH ST, 78703	870-3483	H23	00985	E	6/18/91
AISD CRISWELL TERMINAL	1315 W 5TH ST, 78703	474-5773	H23	00412	F	6/18/94
OLD ROOFING CO	1515 W 5TH ST, 78703		H23	∞110	С	
JUNIOR LEAGUE OF AUSTIN	522 E 6TH ST, 78701	•	J22	c0306	C-1	
DAYVOOD	1900 E 6TH ST, 78702		K21	CO295	ِ c	
TRANKEL CROW	1905 E 6TH ST, 78702		K21	ω 111	С	
MCLYMELAN INVESTMENTS	2010 E 6TH ST, 78702		K21	CO194	c	
CONTEMPORARY PRODUCT	2200 E 6TH ST, 78702	. 476-6660	K21	CO195	c	
FITZGERALD LUMBER CO	2400 E 6TH ST, 78702	478-2538	K21	CO116	C-1	•
GEORGIA-PACIFIC CORP	2416 E 6TH ST, 78702	478-7406	K21	00053	P	6/18/94

Facility	Address	Tel #	MAP REF	ID #	Status	Permit Expires
HAMMILL OFFICES	5341 INDUSTRIAL OAKS BLVD, 78735		D19	C0144	С	
FRANKLIN SQUARE BLDG	3724 JEFFERSON ST. 78731		H26	C0244	C-I	
COA PARD JIMMY CLAY GOLF	5400 JIHHY CLAY DR, 78745	447-2616	J15	01120	F	6/18/91
TRAVIS COUNTY PITD	9301 JOHNNY MORRIS RD, 78724		P27	EX048	X	
TEXAS INDUSTRIES	10114 JOLLYVILLE RD, 78759		J33	c 0050	С	
COUNTRY GROCERY	11794 JOLLYVILLE RD, 78759	331-7413	J35	01942	P	6/18/94
USPS - BALCONES STATION	11900 JOLLYVILLE RD, 78759	331-7737	135	EX007	x	
AISD SAEGERT TERMINAL	3300 JONES RD. 78745	892-2620	F19	01008	X	
S W BELL - SERVICE OP	11220 JOSEPH CLAYTON DR, 78753	87C-2985	K28	00983	F	6/18/91
COMFORT SUPPLY	906 JUSTIN LN, 78757	•	K28	C0242	C-1	
LEIF JOHNSON FORD	501 E KOENIG LN, 78756		K27	C0192	c	
GEORGE TORRES TEXACO	-301 W KOENIG LN, 78751	459-5869	K27	00762	P	5/01/93
SEVEN ELEVEN #12683	808 W KOENIG LN, 78756	453-2748	K27	00806	P	6/18/94
COA W/WW WEST LIFT STATION	901 W KOENIG LN, 78756	454-1160	K27	00195	P	6/18/94
TANG'S HINI HART #2 (100157)	1112 W KOENIG LN, 78756	541-7833	K27	00463	P	6/18/94
BROADDUS KOENING LANE CHEVRON	1200 W KOENIG LN, 78756		J27	00544	P	6/01/93
CRESTVIEW TEXACO	1308 V KOENIG LN, 78756	452-5040	J27	00756	P	6/18/94
N D PHARMACY	1401 W KOENIG LN, 78756		J27	C0051	c	
TEXAN MARKET #9	1200 KRAMER LN, 78758	837-3384	L32	00230	P	6/18/94
COA SERVICE CENTER #13	2400 KRAMER LN, 78758	836-1349	123	00191	, F	6/18/92
EXXXX #63353	2402 LAKE AUSTIN BLVD, 78703	477-7477	G23	01321	P	6/18/94
PHILLIPS 66 #24296	2407 LAKE AUSTIN BLVD, 78703	478-9013	623	00578	P	6/18/94
SEVEN ELEVEN #25157	2620 LAKE AUSTIN BLVD, 78703	478-9059	623	00796	P	6/18/94
BOAT TOUN, INC.	3826 LAKE AUSTIN BLVD, 78703		G24	c0318	C-1	
SEVEN ELEVEN #19097	1705 S LAKESHORE BLVD, 78741	441-7595	G25 ·	01137	Þ.	6/18/94
COA PARD CENTRAL MAINTENANCE	2525 S LAKESHORE DR, 78741	444-5523	G25	00163	P	6/18/94
GOODWILL INDUSTRIES	300 N LAMAR BLVD, 78703	472-6224	H22	c 0262	c	
CAPITOL CHEVROLET MAKE READY	409 N LAMAR BLVD, 78703		H22	EX031	×	
CAPITOL CHEVROLET INC	501 N LAMAR BLVD, 78703	476-6641	H22	00267	F	6/18/94
STRAIT MUSIC CO	908 N LAMAR BLVD, 78703		H23	CO165	С	
SEVEN ELEVEN #21884	917 N LAMAR BLVD, 78703	474-0851	H23	01143	P	6/18/94
TRAVIS COUNTY VEHICLE MAINT	1000 N LAMAR BLVD, 78703	473-9500	H23	EX008	×	
REI LEASE PROPERTY	1112 N LAMAR BLVD, 78703	,	H23	c0052	c	•
HAYS CITY CORP	1200 N LAMAR BLVD, 78703	478-9095	H23	00622	P	6/18/94
THE FLOWER STATION	3100 N LAMAR BLVD, 78705		J25	c0053	c	

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Facility	Address	Tet #	MAP REF	ID #	Status	Permit Expires
AVIS RENT A CAR	2020 ANCHOR LN, 78723	476-6139	L24	01917	P	6/18/94
AVIS RENT A CAR	2027 ANCHOR LN., 78723	476-6139	124	01918	P	6/18/94
BEKINS MOVING & STORAGE	201 E ANDERSON LN, 78752		L28	CCCC9	С	
TEXACO	600 E ANDERSON LN, 78752	339-6365	1.28	00352	P	6/18/94
TANG'S MINI MART	1700 W ANDERSON LN, 78757	451-4505	K29	00456	P	6/18/94
SEVEN ELEVEN #12693	1801 W ANDERSON LN, 78757	453-5176	K29	01148	P	6/18/94
DIAMOND SHAHROCK #0233	1901 W ANDERSON LN, 78757	452-5811	K29	00385	P	6/18/94
NORTHCROSS MALL	2525 W ANDERSON LN, 78757		J30	CO010	c	
USPS - MORTHWEST STATION	2620 W ANDERSON LN, 78757		J30	EX001	x .	
CHEVRON #0155648	2909 W ANDERSON LN, 78757	452-3643	J30	00995	P	6/18/94
DIAMOND SHAMROCK #1322	8925 ANDERSON MILL RD, 78729	250-1608	G38	03109	P	6/18/94
S W BELL - JOLLYVILLE	9401 ANDERSON HILL RD, 78729	870-3477	G38	00973	F	6/18/94
DIAMOND SHAMROCK #1306	9708 ANDERSON MILL RD, 78729	335-8319	F37	03117	Ρ .	8/01/95
SEVEN ELEVEN #19844	10300 ANDERSON HILL RD, 78750	258-8788	F37	01150	P	6/18/94
BALLARD'S DRIVE IN #3	10700 ANDERSON HILL RD, 78750	335-9626	F37	03071	P	6/18/94
VACANT LOT	3416 ANDTREE BLVD, 78724	•	K27	C0249	c	
SOUTHERN UNION GAS CO	5613 AVE F ST. 78751	477-5981	L23	01100	F	6/18/94
COA AFD FIRE STATION #19	5211 BALCONES DR, 78721	452-5484	H28	00185	P	6/18/94
EXXXX #60621	5400 BALCONES DR. 78731	452-5422	H28	. 00211	P	6/18/94
BALCONES COUNTRY CLUB	8600 BALCONES CLUB DR, 78759	258-1621	G37	D1616	P	6/18/94
SEVEN ELEVEN #16175	1220 BARTON HILLS DR, 78704		G21	c 0349	C-1	
DIAMOND SHAMROCK #0239	1525 BARTON SPRINGS RD, 78704	476-4958	H22	00389	P	6/18/94
ZILKER PARK RAILROAD	2201 BARTON SPRINGS RD, 78704	478-8167	G22	01898	P	6/18/94
COA PARD ZILKER PARK	2221 BARTON SPRINGS RD, 78704	472-4914	G22	00165	₽	6/18/94
CIRCLE K #2737	308 BASTROP HWY, 78741	385-3915	L20	00269	P	6/18/94
CALLAHANS GENERAL STORE	501 BASTROP HWY, 78741		#19	c0354	c-1	
KILLGORE & CAPPS	520 BASTROP HWY, 78741	385-9057	H19	02029	P	6/18/94
S W BELL - EVERGREEN	650 BASTROP HWY, 78741	870-2326	и19	00962	F	6/18/94
STATE DEPT OF HWYS	760 BASTROP HMY, 78741	836-8640	H19	EX003	x	
TEXAS ALTERNATOR	1230 BASTROP HUY, 78741	836-6601	#18	CO011	¢	
TEXACO #323	2543 BASTROP HWY, 78742	385-0983	N18	0J044	×	
TIPS IRON AND STEEL	300 BAYLOR ST, 78703	478-8511	H22	C0284	c	
G & S TYPESETTERS .	410 BAYLOR ST, 78703		H22	c0012	С	
VIKING FENCE CO.	9601 BECK CIR, 78758		K31	CD297	C-1	
BEE CAVES CHEVRON	2710 BEE CAVES RD, 78746	328-3240	G22	01023	x	

Facility	Address	Ţel #	MAP REF	ID#	Status	Permit Expires
CONVENTION CENTER	500 E 15T ST, 78701		J22	CO180	С	
U T SUPERIOR DAIRIES	600 E 15T ST, 78702		J21	CO107	C-IR	
LANDEROS RADIATOR SERVICE	1401 E 1ST ST. 78702		J21	c0099	c	
SEVEN ELEVEN #12682	1621 E 1ST ST, 78702	474-1017	K21	01134	P	6/18/94
QUICKIE PICKIE	1700 E 1ST ST, 78702	474-4479	K21	00838	£ `	6/18/88
EAST FIRST GROCERY	1811 E 1ST ST, 78702	476-2305	K21	01169	P	9/30/93
EAST FIRST AUTOMOTIVE	1900 E 1ST ST, 78702		K21	ND014	N-O	
FORMER PEPSI COLA	2412 E 1ST ST, 78702		K21	N0001	N-0	
EL AQUACATE	2707 E 1ST ST, 78702	473-0614	K21	CO327	C-I	
BOB'S ICE HOUSE	2731 E 1ST ST, 78702		K21	N0003	N-0	
ESPINOSA'S SERVICE STATION	2823 E 1ST ST, 78702		K21	CO207	c	
H RICHARD OIL CO	2915 E 1ST ST, 78702		K21	EX030	x	
TEXAS MEAT PURVEYORS	3000 E 1ST ST. 78702	385-7071	121	01912	P	6/18/94
DIAMOND SHAMROCK #1319	3112 E 1ST ST, 78702	778-3547	K21	01776	P	6/18/94
SANDERS TRACTOR	3212 E 1ST ST, 78703		L21	CO100	c	
VACANT LOT	4704 E 1ST ST, 78702	•	L21	C0188	c	
THE AUSTIN COMPANY	4822 E 1ST ST, 78702		1.21	CO101	c	
CAPITOL MACHINE WORKS	4824 E 1ST ST, 78702		L21	CO319	С	
ARREDONDO'S AUTO. REPAIR	5000 E 1ST ST, 78702	385-4484	L21	01844	P	8/01/93
HUNTING FUEL BOSS	5011 E 1ST ST, 78702		1.21	∞ 102	c	•
FORMER BOYCE IRON WORKS	5021 E 1ST ST, 78702		L21	C0343	c	
ENHER CRAFT INC	5117 E 1ST ST, 78702	385-3444	L21	00895	Ε	6/18/88
GEORGES WAGON WORKS	1311 S 1ST ST, 78704		H21	© 103	c	
DAVID'S FOOD STORE #1	2101 S 15T 5T, 78704	442-2237	н20	01269	P	6/18/94
C S FOOD MART	2907 S 1ST ST, 78702	444-0411	'H19	. 00906	P	2/25/93
COA W/WW SOUTH YARD	3616 S 1ST ST, 78704	443-1954	н19	00194	P	6/18/94
DIAMOND SHAHROCK #0242	4111 S 1ST ST, 78745	444-2005	н18	00390	P	6/18/94
COA AFD FIRE STATION #17	4114 S 1ST ST, 78745		H18	c 0104	c	
AUTOMOTIVE GARAGE	4333 S 1ST ST, 78745		н18	C0338	C-1	
TEXACO	5600 s 15T 5T, 78745	447-4959	G17	00344	P	6/18/94
SEVEN ELEVEN #12707	6400 S 1ST ST, 78745	441-7581	G16	01138	P	6/18/94
WHIP IN	7811 S 1ST ST, 78748	385-7058	P14	03018	P	8/01/93
SEVEN ELEVEN #20829	7814 S 1ST ST, 78745	447-5465	P14	01140	P	6/18/94
COA SEAHOLM POWER PLANT	800 W 1ST ST, 78703	322-6700	H22	00330	F-oc	6/18/91
UNION PACIFIC REALTY	900 w 1ST ST, 78703		H22	C0149	C-1	

Facility	Address	Tel #	MAP REF	ID#	Status	Permit Expires
L EAST POULTRY	2615 E 6TH ST, 78702		K21	ฒ156	С	
PARKING LOT	401 W 6TH ST, 78701		J22	CO206	C-1	
COTHRAN'S TEXACO	700 W 6TH ST, 78701		JZZ	CO232	c	
TOWN LAKE CHRYSLER PLYHOUTH	841 w 6TH ST, 78703		H23	EX032	x	
GEORGE COFFEY LINCOLN-MERCURY	900 W 6TH ST, 78703	472-8401	H23	03205	F-0	6/18/91
WHIT HANKS	1009 W 6TH ST, 78703		K23	CO226	c	
DES	500 E 7TH ST, 78701		J22	CO112	c	*
TWIN LIQUORS	519 E 7TH ST, 78701		J22	@3 00	C-1	
FOWLER ELECTRIC	621 E 7TH ST, 78701		J22	ω 113	c	
HOBIL #12 AF7	717 E 7TH ST, 78701	478-2116	J22	00715	P	6/18/94
SHOPPERS HART #04	1501 E 7TH ST, 78702	474-9938	K2	00321	P-c	6/18/94
REMITZ DISTR. CO.	1901 E 7TH ST, 78702		K2	N0006	N-0	
REMITZ DISTRIBUTING	1917 E 7TH ST, 78704		K2	CO114	C-I	
DIAMOND SHAMROCK #0115	2020 E 7TH ST, 78702	476-2976	KZ	00380	P	6/18/94
CIRCLE K #3234	2150 E 7TH ST, 78702	478-0237	K21	00653	P	6/18/94
QUICKIE PICKIE #66	2314 E 7TH ST. 78702	477-6261	K21	00118	E	6/18/88
SPEED D'S	2500 E 7TH ST, 78702	478-7675	K21	00907	P	6/18/94
EAST TOWN MOTORS	2617 E 7TH ST, 78702		K21	N0010	N-0	
ROCHA'S AUTOHOTIVE	2700 E 7TH ST, 78702	477-3503	K21	00111	P	6/18/94
DAVIDS QUALITY CAR	3415 E 7TH ST, 78702	•	L21	N0021	N-0	
CIRCLE K #3214	3501 E 7TH ST, 78702	385-9067	1.21	00641	P-0	6/18/94
FRANKS SERVICE	3502 E 7TH ST, 78702		L21	N0022	N-0	
HERNANDEZ PHILLIPS 66	4600 E 7TH ST, 78702	385-6650	1.21	00093	P	6/18/94
LONGHORN INT'L EQUIP	4711 E 7TH ST, 78702	389-1111	L21	01750	F	6/18/94
TEXAS SCHOOL BUS CENTER INC	4800 E 7TH ST, 78702		L21	CO202	С	
TOM FAIREY COMPANY	5005 E 7TH ST, 78702	385~8910	L21	00143	E	6/18/91
TRAVIS COUNTY SHERRIF'S DEPT	711 W 7TH ST, 78702		J22	EX014	x	
FEDERAL BUILDING	300 E BTH ST, 78701		JSS	EX018	x	
COA SERVICE CENTER #05	714 E 8TH ST, 78701	477-8286	755	00197	F	6/18/94
COA AUSTIN POLICE DEPT	715 E 8TH ST, 78701	480-5000	J22	01976	F	6/18/91
S W BELL - GREENWOOD	120 W 9TH ST, 78701	870-3477	J22	00980	F	6/18/94
ATET	1601 ¥ 10TH ST, 78703	495-8109	H23	c0302	C-1	
QUICKIE PICKIE	1208 E 11TH ST, 78702	479-0136	K22	00824	E	6/18/88
A T & T	705 E 12TH ST, 78701		J22	C0344	C-1	
QUICKIE PICKIE	1425 E 12TH ST, 78762	473-8215	K22	00850	E	6/18/88

environmental engine: scientists & consultai .

1250 Sterling Flaza 5949 Sherry Lane Dallas, Texas 75225 (214) 691-6606

March 20, 1992

Mr. Bob VonDeran Texas Water Commission UST Reimbursement Group P.O. Box 13087 Austin, Texas 78711-3087

Subject: Certification of Past UST Presence

Austin Toyota Sites
LPST No. 99907

Dear Mr. VonDeran:



It appears from our recent telephone conversations that there is some question regarding the past existence of an Underground Storage Tank (UST) which contained fuel at the Austin Toyota Site, 805 West Fifth Street, Austin, Travis County, Texas.

We first visited the site in April, 1991 during the course of completing a project originally initiated by another firm. During that visit, Mr. Philip Meissner and I inspected the site and interviewed the existing facility staff regarding the presence of past and current USTs at the site. According to the staff, two (2) USTs had been present at the site: one for used oils, located near the south side of the main facility structure and a second near the Shoal Creek banks for the fueling of vehicles prior to delivery.

The used oil tank was abandoned in approximately 1988 and was removed in July 22, 1991 by this firm. The presence of the used oils outside of the UST vault area resulted in significant additional over excavation, with high disposal costs related to the concentration of total petroleum hydrocarbons (TPH) detected in the materials removed.

According to the facility staff, the fuel UST was damaged by floods in 1980, and was finally removed in 1987-88. The UST, believed to be approximately 2,000-gallons in capacity, was located in a vault approximately 10'-20' east of the east bank of Shoal Creek. The UST was "floated" up during the original flood of 1980, but was repaired and returned to service afterwards. Problems with air leaks into the negative pressure piping systems led to the removal of this UST in approximately 1987-88.

During our original inspection, we were shown the approximate area of the previous location of this UST by the facility staff. During the second visit to the site, during used oil UST removal, investigatory trenches were placed in this area to ensure that no USTs remained on the site. Although the area was identified and the soils were screened with an OVM 580-A PID meter, calibrated with 100 ppm isobutylene, the UST itself was absent. These efforts were conducted by Mr. W. Scott Kilpatrick, P.E. and Mr. Philip Meissner of this office.

Since the time of this project, Mr. Kilpatrick has left the firm and has been unavailable to provide an additional certification of these findings. We offer the attached certification that these findings are true and correct.

Regult of
PID?

NO ?

Oilsaaples

CONSTRUCTION NOTHER TIONS CONSTRUCTION NOTHER TONS CONSOLINERO LIND AND COMMOCE

TRAVIS COUNTY EDALTH DEPARTMENT ENVIRONMENTAL HEALTH SERVICES DIVISION 1 15 Waller, Austin, Teras 75702 (512) 469-2015

REQUEST FOR PUBLIC INFORMATION

REQUESTOR: MACLIN GLESS	/
Full Name (Please Print)	
Home Address (Street; City, State, Zip Code)	
1 892 - 4919 Home Telephone Number:	
SOUTHWESTERN LABORATORIES - AUSTIN Name of Company, Agency or Organization Represented	
4150 - B FREIDRICH LANE, AUSTIN, TEXAS, 78744 Address (Street, City, State, Zip Code)	
(512) 447-9081 FAX (512) 443-3442 Telephone Number	
INFORMATION REQUESTED: DESCRIBED AS MUCH DETAIL AS POSSIBLE THE INFORMATION YOU DESIRE, G NAMES AND ADDRESSES, IF KNOWN:	tainu abecitic i
REQUEST INFORMATION REGARDING ALL HEALTH HAZARDS, INSPERIOR AND COMPLAINTS FOR	CTIONS,
Connerly Bustin Toyota	
\$\frac{2}{2\frac{1}{62}}	
Deta of Request Signature	
FOR OFFICE USE ONLY: Request Received By:	
Approved/Not Approved By:	D216
Information Provided By:	Date
•	Date

SWL

ENVIRONMENTAL SERVICES

a Division of SOUTHWESTERN LABORATORIES

FAX TRANSMITTAL FORM

Please deliver this to: Ms. Janice Comez	÷.
Company: Austin Fire Dept.	
Fax No.: 441 - 3339 Phone No.:	-
From: Marty Gibson SwL - Austin Fax No.: 512-443-3442 Number of Pages: (including cover page)	-
CONFIDENTIALITY NOTICE The documents accompanying this telecopy transmission contain confidential information which is legally privileged. The information only for the use of the recipient named below. If you have received this telecopy in error, please immediately notify us by telephone to for return of the telecopied documents to us, and you are hereby notified that any disclosure, copying, distribution, or the taking of any reliance on the contents of this telecopied information is strictly prohibited.	arrange
MESSAGE:	7
Mease inform me of any lives of hangraeus materials in the vicinity of 805 West 5th St.	
Cornerly Austen Toyota	
	 .

APPENDIX A

Recorded Chain of Title

Terry Kimbrough Kimbrough & Associates P.O. Box 1041 Georgetown, Texas 78627-1041 (512) 863-3215 Fax (512) 869-5090

Effective Date:

July 29, 1993

SWL REFERENCE NO: PROJECT NAME:

505093-850 805 West 5th Street

PROJECT ADDRESS:

Austin, Texas

K & A FILE NO:

9307125

LEGAL DESCRIPTION

2.143 acres out of Outlot 11, Division Z, Government Outlots, Travis County, Texas

Deeds:

As to 10,118 sq. ft. and 2 Tracts:

Warranty Deed: Volume 137, page 433, Date filed 7/10/1896 Legal: A 100' x 203' portion of Outlot 11, Division Z,

Government Outlots

Grantor: D. P. Kinney and wife, Beulah H. Kinney

Grantee: Board of Trustees of Austin City Public Free Schools

Warranty Deed: Volume 851, page 135, Date filed 5/24/47

Legal: 0.39 acres out of Outlot 11, Division Z, Government

Outlots

Grantor: Board of Trustees of Austin Public Free Schools

Grantee: J. F. Steussy and wife, Willie Mae Steussy

As to 10,118 sq. ft.:

Warranty Deed: Volume 3980, page 443, Date filed 1/11/71

Legal: 0.217 acres out of 0.39 acres out of Outlot 11, Division

Z, Government Outlots described in Volume 851, page 135 Grantor: J. F. Steussy and wife, Willie Mae Steussy

Grantee: Charles Vana and wife, Marie Vana

Warranty Deed: Volume 10501, page 513, Date filed 11/25/87

Legal: 10,118 sq. ft. out of Outlot 11, Division Z, Government

Outlots

Grantor: Marie M. Vana Grantee: Peter G. Vescovo

As to 2 Tracts:

Warranty Deed: Volume 1466, page 57, Date filed 6/8/54

Legal: 2 tracts out of 0.39 acres out of Outlot 11, Division Z,

Government Outlots described in Volume 851, page 135 Grantor: J. F. Steussy and wife, Willie Mae Steussy

Grantee: Jay H. Brown, Trustee

Warranty Deed: Volume 1466, page 85, Date filed 6/8/54

Legal: 2 tracts out of 0.39 acres out of Outlot 11, Division Z,

Government Outlots described in Volume 851, page 138

Grantor: Jay H. Brown, Trustee

Grantee: C. B. Smith

As to 1 Tract:

Warranty Deed: Volume 344, page 267, Date filed 1/11/23

Legal: Part of Outlot 11, Division Z, Government Outlots

Grantor: E. B. Robinson

Grantee: Chas. Thomas and wife, Jennie Thomas

Warranty Deed: Volume 2958, page 714, Date filed 5/13/65

Legal: Part of Outlot 11, Division Z, Government Outlots

Grantor: Jennie Thomas, Individually and as Surviving Widow of

Charles Thomas, deceased

Grantee: C. B. Smith

Special Warranty Deed: Volume 4631, page 588, Date filed 5/4/73

Legal: Part of Outlot 11, Division Z, Government Outlots

Grantor: Charles Thomas, Jr. Grantee: C. B. Smith, Sr.

As to 3 Tracts:

Warranty Deed: Volume 4652, page 800, Date filed 3/18/73

Legal: 3 tracts out of Outlot 11, Division Z, Government Outlots

Grantor: C. B. Smith, Sr. and wife, Ruth Smith

Grantee: Pete G. Vescovo

As to 31.545 sq. ft. and 13.85' strip:

Warranty Deed: Volume 517, page 219, Date filed 3/23/35

Legal: Part of 1 acre out of Outlot 11, Division Z, Government

Outlots

Grantor: R. G. Mueller Grantee: Joe Macken

Gift Deed: Volume 608, page 107, Date filed 7/23/41

Legal: All right, title and interest in the Estate of Joe

Macken, deceased

Grantor: Katherine E. Macken, etal, heirs of Joe Macken, deceased

Grantee: Bridget Sheehan Macken

As to 31.545 sq. ft.:

Warranty Deed: Volume 8010, page 848, Date filed 3/4/83

Legal: 31,545 sq. ft. out of Outlot 11, Division Z, Government Outlots and being part of the land described in Volume 517, page 219

Grantor: Joseph P. Macken, etal, heirs of Bridget Sheehan Macken,

deceased

Grantee: Pete G. Vescovo

As to 13.85' strip:

Warranty Deed: Volume 2171, page 502, Date filed 5/18/60

Legal: 13.76' strip out of Outlot 11, Division Z, Government

Outlots

Grantor: Joseph P. Macken, etal, heirs of Bridget Sheehan Macken,

deceased

Grantee: C. B. Smith, Sr.

Warranty Deed: Volume 7097, page 22, Date filed 9/5/80

Legal: The East 13.76' out of part of Outlot 11, Division Z,

Government Outlots described in Volume 517, page 219

Grantor: C. B. Smith, Sr.

Grantee: Pete G. Vescovo and wife, Dorothy Vescovo

As to 2,605 sq. ft.:

Warranty Deed: Volume 608, page 205, Date filed 2/24/39 Legal: Part of Outlot 11, Division Z, Government Outlots

Grantor: I. N. Taylor

Grantee: The Calcasieu Lumber Company

Warranty Deed: Volume 614, page 591, Date filed 8/23/39 Legal: Part of Outlot 11, Division Z, Government Outlots

Grantor: The Calcasieu Lumber Company

Grantee: Little and Goslin, a partnership composed of H. E. Little

and A. O. Goslin

Warranty Deed: Volume 1254, page 248, Date filed 3/27/52

Legal: Grantor's undivided 1/2 interest in part of Outlot 11,

Division Z, Government Outlots

Grantor: Arch O. Goslin Grantee: H. E. Little

Warranty Deed: Volume 1631, page 454, Date filed 9/29/55 Legal: Part of Outlot 11, Division Z, Government Outlots

Grantor: H. E. Little and wife, Laura E. Little

Grantee: A. T. Long

Warranty Deed: Volume 1632, page 204, Date filed 10/3/55 Legal: Part of Outlot 11, Division Z, Government Outlots

Grantor: A. T. Long

Grantee: Hubert E. Rossy

Warranty Deed: Volume 1652, page 142, Date filed 1/17/56
Legal: Part of Outlot 11, Division Z, Government Outlots
Grantor: Hubert E. Rossy and wife, Florence Parke Rossy
Grantee: Truman Montandon and wife, Letha Montandon

Warranty Deed: Volume 3346, page 1790, Date filed 9/15/67 Legal: Part of Outlot 11, Division Z, Government Outlots

Grantor: Truman Montandon and wife, Letha Montandon Grantee: James McLean Bell and wife, Betty Lydick Bell Contract of Sale: Volume 6925, page 1611, Date filed 3/20/80 Legal: Part of Outlot 11, Division Z, Government Outlots

Grantor: James M. Bell Grantee: William M. Bell

Quitclaim Deed: Volume 7648, page 1, Date filed 12/22/81

Legal: Grantor's contract interest in part of Outlot 11,

Division Z, Government Outlots

Grantor: William M. Bell Grantee: James M. Bell

Warranty Deed: Volume 7648, page 7, Date filed 12/22/81

Legal: A 2,605 sq. ft. portion of Outlot 11, Division Z,

Government Outlots

Grantor: James McLean Bell and wife, Betty Lydick Bell

Grantee: Pete G. Vescovo

As to legal:

Substitute Trustees Deed: Volume 11431, page 2045, Date filed

5/7/91

Legal: 2.143 acres out of Outlot 11, Division Z, Government

Outlots and other property

Grantor: John W. Elliott, Substitute Trustee

Grantee: Comerica Bank-Detroit

EASEMENTS

No easements of environmental concern were noted in the title history.

LEASES

As to 1 tract:

Lease: Volume 1451, page 393, Date filed 5/13/54 Lessor: Charles Thomas and wife, Jennie Thomas

Lessee: C. B. Smith

Term: 1/15/55 to 60 days after the death of Lessors

Purpose: No purpose shown

As to all tracts except 2,605 sq. ft.:

Lease: Volume 2839, page 374, Date filed 9/21/64

Lessor: C. B. Smith, Sr.

Lessee: Dependable Motors, Inc.

Term: 5 years beginning 5/1/65 through 4/30/70

Purpose: Operation of an automobile sales and service business

DISCLAIMER

The preceding report is being provided to the Client solely for the purpose of facilitating any innocent landowner or purchase defenses which may be available under the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended. It is for the sole use and benefit of the Client and may not be used for any other purpose or relief upon by any other party. The information contained herein was obtained from the deed records of Travis County, Texas and Terry Kimbrough and Kimbrough & Associates do not warrant or guarantee the accuracy or contents of these records.

APPENDIX B

Regulatory Database

SITE REPORTS

from the

TWC Tank Details Databases

Comments: <u>UST record search for ID #(s) 0034978.0004268.0025280.0048781.0062049.0018149.</u>
0044471.0004424.0041953.0022733.

TWC Contact Number - (512) 908-2154

Key to Printout Codes:

UNDERGROUND STORAGE TANK FILE

2 spill container/liquid-tight sump

unknown/none

Status =	Status of tanks	Subst =	Substance stored
1	Currently in use	1	empty
2	Temporarily out of service	2	Gasoline
3	Permanently abandoned in-place	3	diesel
4	Permanently removed from the ground	4	kerosene
Constr =	Type of UST construction and containment	5	used oil
1	Single wall	6	new oil
2	Double wall	7	other petroleum product
3	External jacket system	8a	hazardous substance - principal CERCLA substance
4	Excavation/trench liner system	8b	hazardous substance - chemical abstract service
5a	Piping system - pressurized	8c	hazardous substance - mixture
5b	Piping system - suction	9	mixture of petroleum and hazardous substance
5c	Piping system - gravity	10	other
6	Other	Corrosio	on = Type of corrosion protection
Mat. = T	ank construction material	A	external coatings - painted
1	steel	· B	external coatings - dielectric
2	fiberglass-reinforced plastic (FRP)	С	external coatings - fiberglass-reinforced plastic
3	composite (steel w/FRP plastic)	D	external coatings - taped/wrapped piping
4	Concrete	2	internally lined tank
5	Other	3	cathodic protection system
Detect =	Tank release detection.	4	composite tank
1	vapor monitoring	5	noncorrodible material construction
2	groundwater monitoring	6	electrical insulation
3	monitoring above excavation liner	7	unknown/none .
4	automatic in-tank monitoring & inventory control		
5	interstitial monitoring for double wall usts	ABOVEGR	ROUND STORAGE TANK FILE
6	tightness testing		
7	inventory control	Status	
8	unknown/none	1	in use (includes tanks that are inact.but contain product)
9	line leak detectors	2	out of use (inactive and do not contain product)
10	other	Subst =	Substance stored in tank.
P. Detec	t = Pipe release detection	1	gasoline
Same	as above codes.	2	alcohol blended fuels
Spill =	Spill and overflow prevention .	3	aviation gasoline
A	automatic overfill device - shut-off valv	4	kerosene
8	automatice overfill device - flow restrictor valve	5	diesel
С	automatice overfill device - high level alarm	6	distillate
1	tight-fill fitting	7	empty
		_	

8 other

TWC Underground Storage Tank Details Listing Report - ID #(s) Data extracted from TWC: 1/12/93

	*****	******	****	****	****	*****	*****	*****	*****	****	****	*****	******
	Facility ID#	UST ID#	Install	Status	Capacity	Constr.	Mat.	Detect	P. Detect	Subst.	Subst.	Spill	Corrosion
	0034978 Car	λ_1	1969	3	0000001000		1	8	8			4	Α
	0004268	1	1972	4	0000002000	1	1	6	8	2		1	7
	0004268 (عهو)	2	1972	4	0000002000	1	1	6	8	2		1	7
	0004268	`3	1972	4	0000002000	1	1	6	· 8	2		1	7
	0004268	4	. 99	2	0000099999			8	8			4	7
	0004268	5	99	2	0000099999			8	8			4	7
	0025280	- 1	9999	4	000000099			8	8			4	7
	0025280Co	2	9999	4	0000000099			8	8			4	7
	0025280	3	9999	4	0000000099			8	8			4	7
	0048781 K-12	1	1939	3	0000015000		4	8	8			4	7
•••	.00 82048	1	9999	4	0000000560	1	1	8	8	1		4	7
٠.	0062049	2	9999	4	0000000560	1	1	8	8	1		4	7
	0062049	3	9999	2	000000099			8	8			4	7
	0018149 COA	1	1984	1	0000009550		2	8	8	2		4	2
	0018149 مرابع	2	1974	1	0000009550		2	8	8	2		4	2
	0044471 5,18	8	1962	4	0000000500			. 8	8	5		4	7
	0004424 44.5	1	1958	1	0000000045		1	8	8	5		4	7
	ملم على 1953	1	1976	1	0000002000			8	8	2		4	7
	0041953	2	1976	1	0000000200			8	8	5		4	7
	0041953	3	1976	1	0000000200			8	8	5		4	7
	0022733	1	1981	3	0000012000		1	8 .	8	1	2	4	7
	002273	2	1981	3	0000012000		1	8	8	1	2	4	7
	002273/3	3	1976	3	00080000		1	8	8	1	2	4	7
	0022733	4	1981	4	0000004000		1	8	8	1	3	4	7
	00227/33_	5	1976	4	0000001000	1	1	8	8	5		4	7

SITE REPORTS

from the

TWC Tank Details Databases

Comments: UST record search for ID #(s) 0042881.0045654.

TWC Contact Number - (512) 908-2154

Key to Printout Codes:

UNDERGROUND STORAGE TANK FILE

spill container/liquid-tight sump

unknown/none

Status = Status of tanks	Subst = Substance stored
1 Currently in use	
-	1 empty 2 Gasoline
2 Temporarily out of service 3 Permanently abandoned in-place	3 diesel
4 Permanently removed from the ground	4 kerosene
Constr = Type of UST construction and containment	5 used oil
1 Single wall	6 new oil
2 Double wall	7 other petroleum product
3 External jacket system	8a hazardous substance - principal CERCLA substance
4 Excavation/trench liner system	8b hazardous substance - chemical abstract service
Sa Piping system ~ pressurized	8c hazardous substance - mixture
5b Piping system - suction	9 mixture of petroleum and hazardous substance
5c Piping system - gravity	10 other
6 Other	Corrosion = Type of corrosion protection
Mat. = Tank construction material	A external coatings - painted
1 steel	8 external coatings - dielectric
2 fiberglass-reinforced plastic (FRP)	C external coatings - fiberglass-reinforced plastic
3 composite (steel w/FRP plastic)	D external coatings - taped/wrapped piping
4 Concrete	2 internally lined tank
5 Other	3 cathodic protection system
Detect = Tank release detection.	4 composite tank
1 vapor monitoring	5 noncorrodible material construction
2 groundwater monitoring	6 electrical insulation
3 monitoring above excavation liner	7 unknown/none
4 automatic in-tank monitoring & inventory control	, annually flatte
5 interstitial monitoring for double wall usts	ABOVEGROUND STDRAGE TANK FILE
6 tightness testing	
7 inventory control	Status
8 unknown/none	1 in use (includes tanks that are inact.but contain product)
9 line leak detectors	2 out of use (inactive and do not contain product)
10 other	Subst = Substance stored in tank.
P. Detect = Pipe release detection	1 gasoline
Same as above codes.	2 alcohol blended fuels
Spill = Spill and overflow prevention	3 aviation gasoline
A automatic overfill device - shut-off valv	4 kerosene
8 automatice overfill device - flow restrictor valve	e 5 diesel
C automatice overfill device - high level alarm	6 distillate
1 tight-fill fitting	7 empty
	9 -1

8 other

Page No. 1

TWC Underground Storage Tank Details Listing Report - ID #(s) Data extracted from TWC: 1/12/93

******	******	*****	******	******	*****	*****	******	*****	******	******	****	*****
Facility ID#	UST ID#	Install	Status		Constr.			P. Detect			Spill	Corrosion
		9999	4	0000000550		1	8	8	1	2	4	3
ن سور) 0042881 ن سور) 0042881	2	9999	4	0000002000		1	8	8	4		4	3
0042881	3	9999	4	0000004000		1	8	8	3		4	3
0045654 (Literal	9	1966	4	0000000250		1	8	8	5		4	7

SITE REPORTS

from the

TWC Tank Details Databases

Comments: UST record search for ID #(s) 0025102.0045653.

TWC Contact Number - (512) 908-2154

Key to Printout Codes:

UNDERGROUND STORAGE TANK FILE

4 unknown/none

Status = Status of tanks	Subst = Substance stored
1 Currently in use	1 empty
2 Temporarily out of service	2 Gasoline
3 Permanently abandoned in-place	3 diesel
4 Permanently removed from the ground	4 kerosene
Constr = Type of UST construction and containment	5 used oil
1 Single wall	6 new oil
2 Double wall	7 other petroleum product
3 External jacket system	8a hazardous substance - principal CERCLA substance
4 Excavation/trench liner system	8b hazardous substance - chemical abstract service
5a Piping system - pressurized	8c hazardous substance - mixture
5b Piping system - suction	9 mixture of petroleum and hazardous substance
5c Piping system - gravity	10 other
6 Other	Corrosion = Type of corrosion protection
Mat. = Tank construction material	A external coatings - painted
1 steel	B external coatings - dielectric
<pre>2 fiberglass-reinforced plastic (FRP)</pre>	C external coatings - fiberglass-reinforced plastic
<pre>3 composite (steel w/FRP plastic)</pre>	D external coatings - taped/wrapped piping
4 Concrete	2 internally lined tank
5 Other	3 cathodic protection system
Detect = Tank release detection.	4 composite tank
1 vapor monitoring	5 noncorrodible material construction
2 groundwater monitoring	6 electrical insulation
3 monitoring above excavation liner	7 unknown/none
4 automatic in-tank monitoring & inventory control	
5 interstitial monitoring for double wall usts	ABOVEGROUND STORAGE TANK FILE
6 tightness testing	
7 inventory control	Status
8 unknown/none	I in use (includes tanks that are inact.but contain product)
9 line leak detectors	2 out of use (inactive and do not contain product)
10 other	Subst = Substance stored in tank.
P. Detect = Pipe release detection	1 gasoline :
Same as above codes.	2 alcohol blended fuels
Spill = Spill and overflow prevention	3 aviation gasoline
A automatic overfill device - shut-off valv	4 kerosene
B automatice overfill device - flow restrictor valve	e 5 diesel
C automatice overfill device - high level alarm	6 distillate
1 tight-fill fitting	7 empty
2 spill container/liquid-tight sump	8 other

TWC Underground Storage Tank Details Listing Report - ID #(s)

Data extracted from TWC: 1/12/93

Data	extracted	from	TVC:	1/12/93	

*****	****	****	*****	****	******	*****	*****	*****	*****	******	*****	*********
Facility ID#	UST ID#	Install	Status	Capacity	Constr.	Mat.	Detect	P. Detect	Subst.		Spill	Corrosion
*******	*******	****	*****	****	****	*****	*****	****	*****	****	*****	*****
0025102	1	9999	1	0000000099		1	8	8	2		4	7
0025102	2	9999	1	0000000099		1	8	8	2		4	7
0025102	3	9999	4	-0000000500			8	8	5		4	7
0045653	(1)BS-G01	1961	1	0000003000	1	1	6	6	2		4	7
0045653	(2)BS-G02	1977	1	0000006000	1	1	6	6	2		4	7
cup.t												

LPST SITE REPORTS

from the

TWC Leaking Petroleum Storage Tank Database

Comments: LPST record search for Zip Code(s) 78701.

Final concurrence issued, case closed

6C Referred to another regulatory agency

6B Referred to TWC H&SW division

TWC Contact Number - (512) 371-6200

LPST Database Description:

The TWC Leaking Petroleum Storage Tank (LPST) database serves to track the location and cleanup of leaking petroleum storage tanks in Texas.

Key to Printout Codes:

Status:	Code indicates status of remediation process.	riorit	y: Code indicates type and severity of impact.
1A	Incident reported, initial directives not yet issued	1A	Impact/Threat to Human Health and/or safety
18	Initial directives issued awaiting initial response	18	Drinking water aquifer impacted or threatened
10	Initial response overdue	10	Major impact to surface water supply
10	Initial response received, referred to state lead	10	Group I groundwater, plume has/likely to migrate
2A	Phase 2 in progress	18	Group 2 groundwater, plume off-site, w/in .5mi rad.
28	Phase 2 report received, review pending	15	Group 3 groundwater, plume off-site, w/in .5mi rad.
2C	Phase 2 report received with RAP, review pending	2A	Groundwater other than 1B, site charact. incomplete
20	Phase 2 report inadequate and returned	28	Surface water impact threatens public health, etc.
2E	Phase 2 report received, referred to state lead	2C	Group 1 groundwater, off-site migration unlikely
2F	Phase 2 report overdue	20	Group 2 groundwater, plume off-site, no wells in
3A	Phase 3 in progress		.Smi. radius
3B	Phase 3 in progress & quarterly monitoring in progress	2E	Group 3 groundwater, off-site migration likely
3C	Phase 3 report received, add'l assess.	2F	Group 3 groundwater, off-site migration unlikely
3D	Phase 3 report received, review pending	3	Group 3 groundwater, no wells w/in .5mi radius
3£	Phase 3 report inadequate and returned	4A	Soil Contamination only, requires full site assess
3F	Phase 3 report received, referred to state lead	48	Minor surface water impact
3 G	Phase 3 report overdue	4C	Minor release to ground surface
3H	Quarterly monitoring report overdue	5	Minor soil contamination - does not require a rap
3 [Remedial action plan (RAP) approved	6	Minor soil contamination - no remedial action require
3 J	RAP rec'd, review pending		æ
3K	RAP overdue		
4A	Remedial action in progress ,		
48	Quarterly monitoring report overdue		
4C	Quarterly monitoring report received, review pending		
5A	Site closure application submitted, review pending		
5 B	Remedial action complete, final monitoring in progress	:	
5C	Final monitoring quarterly report overdue		
5D	Final monitoring quarterly report received, review per	ıdi ng	
5E	Final monitoring schedule completed, review pending		

action required

Page No. 1

TWC Leaking Petroleum Storage Tank Listing Report - Zip Code(s) Data extracted from TWC: 6/18/93

*****	*******	*******	************	*****	****	****	*****	¥
LST ID	PRP Name	Street	City	Zip	. (TY	PR ST	ſ
*****	**********	*****	****************	*****	****	****	*****	r
93412	TEACHER RETIREMENT SYSTEM	11TH	AUSTIN	78701	227	2A	6A	
104852	AT&T	705 E 12TH	AUSTIN	78701	227	6	1A	
104949	TEXAS COMMERCE BANK	801 W 12TH	AUSTIN	78701	227	5	6A	
94728	AUSTIN CITY OF	617 E 3RD	AUSTIN	78701	227	2A	6A	
96081	FINLEY CO	509 E 5TH	AUSTIN	78701	227	2A	6A	
99343	FDIC C/O AMRESCO MGMT INC	201 E 5TH	AUSTIN	78701	227	2A	2A	
102270	AUSTIN DOG & CAT HOSPITAL	506 E 5TH	AUSTIN	78701	227	4A	2A	
98124	DANFORTH INVESTMENTS	701 W 6TH(X)	AUSTIN	78701	227	4A	6A	
99342	FDIC C/O AMRESCO MGMT INC	219 E 6TH	AUSTIN	78701	227	2A	28	
99450	UNKNOWN	701 E 6TH	AUSTIN	78701	227	2A	2A	
102489	THE JUNIOR LEAGUE OF AUSTIN	522 E 6TH	AUSTIN	78701	227	6	6A	
91022	MOBIL OIL CORP	E 7TH	AUSTIN	78701	227	2A	6A	
101630	BROOKS PERRY JOINT VENTURE	720 BRAZOS	AUSTIN	78701	227	4A	18	
105043	SOUTHWESTERN BELL	909 COLORADO	AUSTIN	78701	227	5	5A	
103123	RTC C/O LATHROP & NORQUIST	200 N CONGRESS	AUSTIN	78701	227	4A	18	
94253	EXXON COMPANY USA	1104 EAST	AUSTIN	78701	227	2C	5A	
96329	TRIPLE S PETROLEUM	900 EAST	AUSTIN	78701	227	4A	6A	
105305	CHEVRON USA INC	30 IH 45	AUSTIN	78701	227	2A	1A -	
95340	SMITH C AUBREY JR	910 LAVACA	AUSTIN	78701	227	2A	5B	
97790	HEY DISTRIBUTING CORP	1308 LAVACA	AUSTIN	78701	227	2A	6A	
103931	FDIC	1701 LAVACA	AUSTIN	78701	227	4A	18	
91874	SOUTHLAND CORPORATION	910 RED RIVER	AUSTIN	78701	227	2A	28	
93871	UNIVERSITY OF TEXAS	213 RED RIVER	AUSTIN	78701	227	ZA	6A	
91466	AUSTIN CITY OF	600 RIVER	AUSTIN	78701	227	2A	6A	
91755	UNKNOWN	18TH SAN ANTONIO	AUSTIN	78701	227	2A	1A	
97342	SP&GSC	1502 SAN JACINTO	AUSTIN	78701	227	2A	1A	
96554	AUSTIN CITY OF	301 VEST	AUSTIN	78701	227	4A	6A	

LPST SITE REPORTS

from the

TWC Leaking Petroleum Storage Tank Database

Comments: <u>IPST record search for Zip Code(s) 78703.</u>

6C Referred to another regulatory agency

TWC Contact Number - (512) 371-6200

LPST Database Description:

The TWC Leaking Petroleum Storage Tank (LPST) database serves to track the location and cleanup of leaking petroleum storage tanks in Texas.

Key to Printout Codes:

Status:	Code indicates status of remediation process.	riorit	y: Code indicates type and severity of impact.
1A	Incident reported, initial directives not yet issued	1A	Impact/Threat to Human Health and/or safety
18	Initial directives issued awaiting initial response	18	Orinking water aquifer impacted or threatened
10	Initial response overdue	10	Major impact to surface water supply
10	Initial response received, referred to state lead	10	Group 1 groundwater, plume has/likely to migrate
2A	Phase 2 in progress	1E	Group 2 groundwater, plume off-site, w/in .5mi rad.
28	Phase 2 report received, review pending	1F	Group 3 groundwater, plume off-site, w/in .5ml rad.
20	Phase 2 report received with RAP, review pending	2A	Groundwater other than 1B, site charact. incomplete
20	Phase 2 report inadequate and returned	28	Surface water impact threatens public health, etc.
2E	Phase 2 report received, referred to state lead	2C	Group 1 groundwater, off-site migration unlikely
2F	Phase 2 report overdue	20	Group 2 groundwater, plume off-site, no wells in
3A	Phase 3 in progress		.5mi. radius
38	Phase 3 in progress & quarterly monitoring in progress	2E	Group 3 groundwater, off-site migration likely
3C	Phase 3 report received, add'l assess.	2F	Group 3 groundwater, off-site migration unlikely
30	Phase 3 report received, review pending	3	Group 3 groundwater, no wells w/in .5mi radius
3E	Phase 3 report inadequate and returned	4A	Soil Contamination only, requires full site assess
3F	Phase 3 report received, referred to state lead	4B	Minor surface water impact
3G	Phase 3 report overdue	4C	Minor release to ground surface
3Н	Quarterly monitoring report overdue	5	Minor soil contamination - does not require a rap
31	Remedial action plan (RAP) approved	6	Minor soil contamination - no remedial action required
3J	RAP rec'd, review pending		•
3K	RAP overdue		
4A	Remedial action in progress		
48	Quarterly monitoring report overdue		
4C	Quarterly monitoring report received, review pending		
5A	Site closure application submitted, review pending		
58	Remedial action complete, final monitoring in progress		
5C	Final monitoring quarterly report overdue		
: 5D	Final monitoring quarterly report received, review pend	ding	
5E	Final monitoring schedule completed, review pending		
. 6A	Final concurrence issued, case closed		
. 68	Referred to TWC H&SW division		

Page No. 1

TWC Leaking Petroleum Storage Tank Listing Report - Zip Code(s) Data extracted from TWC: 6/18/93

	*****	*********	**********	*******	*****	****	****	*****
	LST ID	PRP Name	Street	City	Zip	C	TY	PR ST
2		RTC CONTRACTS	1601 W 35TH	AUSTIN	78703	227	-	6A
/	99907	COMERICA INC	805 W 5TH 💥	AUSTIN	78703	227	4A	
L		G & S TYPESETTERS INC. SAFEWAY RENTAL	410 BAYLOR 311 BOWIE **	AUSTIN AUSTIN	78703 78703	227 227	4A 4A	
	100932		2400 EXPOSITION	AUSTIN	78703	227		6A
	91419	EXXON CO USA	2402 LAKE AUSTIN	AUSTIN	78703	227	4A	6A
		THE UNIVERSITY OF TEXAS	3826 LAKE AUSTIN	AUSTIN	78703		4A	
		CAPITOL CHEVROLET INC	501 N LAMAR *	AUSTIN	78703	227	4A	***
	103888 92858	SOUTHLAND CORPORATION CALONETTA ANTHONY MRS	917 N LAMAR 1100 W LYNN	AUSTIN AUSTIN	78703 78703	227 227	2A 4A	
		•						

LPST SITE REPORTS

from the

TWC Leaking Petroleum Storage Tank Database Comments: LPST record search for ID #(s) 98124.96554.99907.95362.95067.

TWC Contact Number - (512) 371-6200

LPST Database Description:

The TWC Leaking Petroleum Storage Tank (LPST) database serves to track the location and cleanup of leaking petroleum storage tanks in Texas.

Key to Printout Codes:

Referred to another regulatory agency

Status:	Code indicates status of remediation process.	riorit	y: Code indicates type and severity of impact.
1A	Incident reported, initial directives not yet issued	1A	Impact/Threat to Human Health and/or safety
18	Initial directives issued awaiting initial response	18	Drinking water aquifer impacted or threatened
10	Initial response overdue	10	Major impact to surface water supply
10	Initial response received, referred to state lead	10	Group 1 groundwater, plume has/likely to migrate
2A	Phase 2 in progress	1E	Group 2 groundwater, plume off-site, w/in .5mi rad.
28	Phase 2 report received, review pending	1F	Group 3 groundwater, plume off-site, w/in .5mi rad.
2C	Phase 2 report received with RAP, review pending	2A	Groundwater other than 18, site charact. incomplete
20	Phase 2 report inadequate and returned	28	Surface water impact threatens public health, etc.
2E	Phase 2 report received, referred to state lead	2C	Group 1 groundwater, off-site migration unlikely
2F	Phase 2 report overdue	20	Group 2 groundwater, plume off-site, no wells in
3A	Phase 3 in progress		.5mi. radius
38	Phase 3 in progress & quarterly monitoring in progress	2 E	Group 3 groundwater, off-site migration likely
3C	Phase 3 report received, add'l assess.	2F	Group 3 groundwater, off-site migration unlikely
30	Phase 3 report received, review pending	3	Group 3 groundwater, no wells w/in .5mi radius
3E	Phase 3 report inadequate and returned	4A	Soil Contamination only, requires full site assess
3F	Phase 3 report received, referred to state lead	48	Minor surface water impact
3 G	Phase 3 report overdue	4C	Minor release to ground surface
3H	Quarterly monitoring report overdue	5	Minor soil contamination - does not require a rap
31	Remedial action plan (RAP) approved	6	Minor soil contamination - no remedial action require
3 J	RAP rec'd, review pending		
3K	RAP overdue	•	
4A	Remedial action in progress		
48	Quarterly monitoring report overdue		
4C	Quarterly monitoring report received, review pending		
5A	Site closure application submitted, review pending		
58	Remedial action complete, final monitoring in progress		
5C	Final monitoring quarterly report overdue		•
50	Final monitoring quarterly report received, review pen	ding	:
5E	Final monitoring schedule completed, review pending		·
6A	Final concurrence issued, case closed		÷
68	Referred to TWC H&SW division		

Page No. 1

TWC Leaking Petroleum Storage Tank Detail Report - ID #(s) Data extracted from TWC: 6/18/93

		************	*******	*********	************	
PRP Name Facility Name Street Address	Contact City	Phone Zip Facility Locati	Priority Status on	County LPST ID #	Date Facility ID #	
DANFORTH INVESTMENTS COTHRON'S TEXACO SERVICE 701 W 6TH ST	RDANFORTH DOUG AUSTIN	(512) 473-4343 78701 CORNER OF W 6TH	6A	227 98124 Ande	3/04/1991 0025280	
AUSTIN CITY OF ENERGY MANAGEMENT CENTER 301 WEST AVE	LINNEMANN JOHN AUSTIN	(512) 499-8331 78701 WEST AVE	4A 6A	227 96554	8/22/1990	
COMERICA INC AUSTIN TOYOTA 805 W 5TH ST	KILPATRICK STEVE AUSTIN	(313) 222-6285 78703 W 5TH ST	4A · 6A	227 99907	8/12/1991 0044471	
SAFEWAY RENTAL SAFEWAY RENTAL EQUIP CO., INC. 311 BOWIE	TERRY NORRIS . AUSTIN	(512) 476-7301 78703 BOWIE	4A 6A	227 95362	4/03/1990 0042881	
CAPITOL CHEVROLET INC CAPITOL CHEVROLET INC 501 N LAMAR BLVD	WILLIAMS SKIP AUSTIN	(512) 000-0000 78703 N LAMAR BLVD	4A 6A	227 95067	1/15/1990 0025102	

CERCLA SITE REPORTS

from the

EPA CERCLIS Database

Comments: CERCLA record search for Zip Code(s) 78701.78703.

EPA Contact Number - (214) 655-6720

CERCLIS Database Description:

The EPA Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Information System (CERCLIS) serves to track sites that have come to EPA's attention as having potential for releasing hazardous substances into the environment

Key to Printout Codes:

NPL Status: Categorizes a site's NPL status for statistical analysis and reporting purposes.

- D Deleted from the final NPL
- P Currently proposed from the final NPL
- F Currently on the final NPL
- R Removed from the proposed NPL and not considered for the final NPL
- O Non-site indicator
- S Has SCAP plan remedial activities
- N Not currently nor was formerly on proposed or final NPL

Site Categ.: Overall physical classification of the site incident.

- A Abandoned
- B Chemical plant
- C City contamination
- D Dioxin
- F Federal facility
- G Groundwater
- H Housing area, farm
- I Industrial waste treatment
- J Inorganic Waste
- L Landfill
- M Manufacturing plant
- N Military related
- 0 Other
- P Pure Lagoons
- R Radioactive
- T Mines/Tailings
- V Waterways/creeks/rivers
- W Wells

Action: Flag that indicates no further EPA action is anticipated for the site, or that no hazard was identified.

N No further action

Owner: Code that indicates the current ownership status of the site or incident.

CO County

DI District

FF Federal

IL Indian Lands

MN Municipality
MX Mixed Ownership

OH Other

PR Private

ST State

UN Unknown

| Further information on a specific | site is available through on-line | access.

AUSTIN

TX 78701

EPA CERCLA Information System Sites Detail Report - Zip Code(s)

Data extracted from EPA: 6/9/93

Facility Name EPA ID County Entry Description Address NPL Status Action City, State, Zip Site Cat. Owner AUSTIN GAS LIGHT CO. TXD987989357 441 COAL GASIFICATION PLANT-NO VISIBLE SIGNS OF SITE. CORNER OF 2ND AND COLORADO TX 78701 UN AUSTIN CAPITAL GAS LIGHT CO TXD987991247 453 TOWN GAS & BY PRODUCT FACILITY UNKNOWN AUSTIN TX 78701 MN LINCOLN PROPERTIES TXD981155971 453 SITE IS THE LOCATION OF AN ABANDONED COAL TAR WASTE PIT FROM FIRST AND CONGRESS A COAL GASIFICATION PLANT THAT OPERATED AT THE TURN OF THE AUSTIN TX 78701 OH CENTURY. MABEL DAVIS PARK - CITY OF AUSTIN TXD980623219 453 OLD CITY OPERATED SITE IN THE 1950'S INT. OF WOODWARD & BEN WHITE BLVD.

ОН

RCRA REGISTRATION SITE REPORTS

from the

EPA RCRIS Database

Comments: RCRA record search for Zip Code(s) 78701.78703.

RCRIS Database Description:

The EPA Resource Conservation and Recovery Information System (RCRIS) serves to track the status of registrations, permits, reports, inspections, enforcement activities, and financial data of those regulated under the Resource Conservation and Recovery Act (RCRA).

Key to Printout Codes:

GEN: Code indicating:

- 1 Handlers which generate greater than 1000 kg of hazardous waste during any calendar month; generate 1 kg or more of acutely hazardous waste; generate more than 100 kg of any residue of contaminated soil, waste or other debris resulting from the cleanup of a spill into or on any land or water, of acutely hazardous waste; or accumulate greater than 1000 kg of hazardous waste or 1 kg or more acutely hazardous waste.
- 2 Handlers which generate 100-1000 kg of hazardous waste during any calendar month; generate less than 1 kg of acutely hazardous waste; generate less than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill into or on any land or water, of acutely hazardous waste; or accumulate 100-1000 kg of hazardous waste or less than I kg acutely hazardous waste.
- 3 Handlers which generate less than 100 kg/month Conditionally Exempt Waste.
- 4-9 Other state regulated waste to be defined locally to correspond to individual state needs.
- N Other state regulated waste to be defined locally to correspond to individual state needs.
- TRS: Entry indicates facility is engaged in the off-site transportation of hazardous waste by air, rail, road, and/or water.
 - C Handler transports wastes for hire (i.e., commercial transport).
 - S Handler transports wastes for self.
 - X Handler transports wastes, but commercial status is unknown.
 - N Not a transporter, verified.
- TSD: Code indicating that an activity of the facility is the treatment, storage and/or disposal of hazardous waste.
 - X TSO facility
 - N Not a TSD, verified
- VL: Code indicates facility has violation investigation record. Go to RCVIOL database for further details.

🗶 TXD988019295 PAGE SOUTHERLAND PAGE 🧵 🥫 N 🖻

TXD980865059 TEXAS DEPT OF HWYS & PUBLIC TRANS

TXD982563264 TRAVIS COUNTY MEDICAL EXAMINER

-TXD000017970-WALLACE-ENGRAVING-CO-2600

TXD080255581 SETH ENGINE PARTS DIST CO

TXD981914948 TEXAS COMPTROLLER TAX PUBS

TXD981586811 SWEET 1 HR DRY CLNRS

TXD988039681 TEXAS STATE CAPITOL

TX8180000301 US POST SVC AUSTIN

TXD008116857 WHITLEY COMPANY#

TXD988059598 TEXAS STATE GEN SVC COM

EPA RCRA Hazardous Waste Registrations Listing Report - Zip Code(s) Data extracted from EPA: 4/15/93

EPA ID# FACILITY STREET CITY GEN TRS TSD VL ZIP TXD982557167 AEGIS ASSOCIATES 44 E AVE #100 AUSTIN X TX0981904972 AMERICAN CLNRS 2500' E 309 W 5TH ST AUSTIN 2 Y 78701 X TXD008116089 AUSTIN AMERICAN-STATESMAN 2400 SE 308 GUADALUPE ST AUSTIN 2 78701 X TXD981901481 AUSTIN CITY BLDG MAINT 2400 SE 411 W 2ND ST AUSTIN 1 78701 TXT490014578 AUSTIN CITY ELECT UTILITY 750' 56) 301 W AVE AUSTIN 2 78701 TXD981610637 AUSTIN CITY POLICE DEPT 715 E 8TH ST AUSTIN 2 78701 TXD981901499 AUSTIN CITY SC12 750' SE 300 ¥ AVE AUSTIN 1 78701 TX0981901523 AUSTIN CITY SC2 600 RIVER ST AUSTIN 1 78701 TXD981901515 AUSTIN CITY SC5 714 E 8TH ST AUSTIN 1 78701 TXD981910078 AUSTIN COMMUNITY COLLEGE 824 W 12TH ST AUSTIN 78701 1 TXD980878078 AUSTIN COMMUNITY COLLEGE--RID GRANDE 1212 RJO GRANDE ST AUSTIN 2 78701 TXD980812796 AUSTRON INC EXIT 248 NORTH IH 35. AUSTIN 2 Y 78701 TXD026010702 B&N AXLE SVC INC 219 W 4TH ST AUSTIN 2 78701 TXD039422399 BRACKENRIDGE HOSP 601 E 15TH ST AUSTIN 2 78701 TXD981902612 BUMPER TO BUMPER CP&M 201 SAN JACINTO BLDG AUSTIN 3 Y 78701 TXD981610827 CASTROS CLNRS 502 E 6TH ST AUSTIN 1 78701 TXD988031886 EXXON CO USA # 1104 E AVE AUSTIN 3 78701 TXD988033759 FOUR SEASONS HOTEL 98 SAN JACINTO BLVD AUSTIN 3 78701 TXD981590664 JACK BROWN CLNRS #1 615 W M L K BLVD AUSTIN 1 78701 TXD981058209 LINCOLN PROPERTY CO 100 CONGRESS AVE AUSTIN 2 78701 / TXD988081204 LONGHORN CLNRS 510 W MARTIN LUTHER KING AUSTIN 2 78701 X TXD981607088 MILLER BLUEPRINT CO 1750 E 513 W 6TH ST AUSTIN 2 78701 TXD988038402 MOBIL OIL CORP SS# AF7 717 E 7TH ST I-35 # I-35 AUSTIN 2 78701

606 W AVE

617 E 3RD ST

111 W 6TH ST

300 E 9TH ST

---407 TAVACA ST-

301-05 BRAZOS

35TH & JACKSON

12TH & CONGRESS

1518 SAN JACINTO BLVD

705 E 14TH ST # 813

613 CONGRESS AVE

AUSTIN

AUSTIN

AUSTIN

AUSTIN

AUSTIN

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EPA RCRA Hazardous Waste Registrations Listing Report - Zip Code(s) Data extracted from EPA: 4/15/93

	EPA ID#	FACILITY	STREET	CITY	GEN	TRS	TSD V	/L	ZIP
K		AUSTIN CITY/SEAHOLM PWR PLT 1500'S	800 W 1ST ST	AUSTIN	2	x	,		78703
		AUSTIN ISD CRISWELL 2500' W	-1315-W-5TH_ST	AUSTIN	1		1		78703
		AUSTIN ISD HIGH SCH	1715 W 1ST ST	AUSTIN	2				78703
• .		AUSTIN TOYOTA on site W	805 W 5TH ST	AUSTIN	2				78703
		BENZ WORKSHOP 500' ~	316 N LAMAR BLVD	AUSTIN	1			7	78703
X	TXD008944928	CAPITOL CHEV INC 500' NW 🛇	500 N LAMAR BLVD	AUSTIN	1			7	78703
×	TXD030917090	COFFEY LINCOLN-HERCURY 750' NW	900 W 6TH ST	AUSTIN	2			7	78703
	TXD102738846	COVERT BUICK	1407 ¥ 5TH ST	AUSTIN	2			:	78703
	TXD982564973	DAVIS WATER TRIMT PLT	3500 W 35TH ST	AUSTIN	2			7	78703
	TXD980878888	DENAM INC	1601 W 5TH ST	AUSTIN	2			7	78703
	TXD981057920	DONS PAINT BODY SHOP	1006 W 12TH ST	AUSTIN	3			7	78703
	TXD988083366	LAKE AUSTIN COMPLEX	36000 LAKE AUSTIN BLVD	AUSTIN	3				78703
	TXD981155153	MCMORRIS FORD 500° N U	808 W 6TH ST	AUSTIN	2			7	78703
		O HENRY JUNIOR HIGH SCHOOL	2610 W 10TH ST	AUSTIN	2			:	78703
Ŋ	TXD980878870	ONION CREEK VOLKSWAGEN 2250 N	1014 N LAMAR BLVD	AUSTIN					78703
	TXD988076162	PHILLIPS PETROLEUM CO SS#24296	2407 LAKE AUSTIN BLVD	AUSTIN	2				78703
	TXD988059465	PRESTIGE CLEANERS #96	3102 WINDSOR RD	AUSTIN	3				78703
	TXD988032116	SAM'S EXXON	2402 LAKE AUSTIN BLVD	AUSTIN	3				78703
	TXD982562837	STRUTS CLNRS	2425A EXPOSITION	AUSTIN	2			-	78703
	TXD048452833	TARRYTOWN TEXACO OF AUSTIN	2400 EXPOSITION BLVD	AUSTIN	2				78703
		TERMINIX CO OF AUSTIN	1206 PARKWAY	AUSTIN	2				78703
*		TIP TOP CLARS 2250' N	1014 N LAMAR BLVD	AUSTIN	2				78703
		TIPS IRON & STEEL 1250' W	300 BAYLOR ST	AUSTIN	2				78703
در h	TXD980879795		8)1 W 6TH ST	AUSTIN	2				78703

FINDS SITE REPORTS

from the

EPA Facility Index System (FINDS) Database
Comments: Facility Index System record search for Zip Code(s) 78701,78703.

EPA Contact Number - (000) 000-0000

FINDS Database Description:

The EPA Facility Index System (FINDS) act as an inventory of facilities regulated by the EPA.

Key to Printout Codes:

Source Codes for FINDS printout (Code, Acronym, Definition)

01 RCRIS: Resource Conservation and Recovery Information System

**Subject Emphasis: RCRIS is a national system which supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities which generate, transport, and treat, store, or dispose of hazardous waste.

**Information in System: RCRIS tracks a range of information related to facilities involved with hazardous waste, including handler identification, permit application status, compliance monitoring and enforcement information, RCRA program management information, and facility management planning information. RCRIS also tracks corrective-action information which supports the permit-writing and enforcement activities of the corrective-action program.

02 PCS: Permit Compliance System

**Subject Emphasis: PCS is a computerized management information system which contains data on National Pollutant Discharge Elimination System (NPDES) permit-holding facilities. PCS keeps extensive records on more than 65,000 active water-discharge permits

**Information in System: There are 13 types of data within PCS: permit facility, permit event, compliance schedule, compliance schedule, compliance schedule violation, outfall schedule, permit limit, discharge monitoring report, single event violation, enforcement action, inspections, pretreatment compliance inspection/audit, pretreatment performance summary, and evidentiary hearing> Each permit record contains many types of information including that which: identifies and describes the facility to which the permit has been granted, specifies the pollutant discharge limit for that facility, records the actual amounts of pollutants measured in the facility's wastewater discharges, and tracks the facility's compliance schedule and violations.

03 AIRS: Aerometric Information Retrieval System

**Subject Emphasis: AIRS is the national repository for information about airborne pollution in the United States. AIRS is comprised of three subsystems: the Air Quality Subsystem (AQS); the AIRS Facility Subsystem (AFS), and the Geo-Common Subsystem (GCS). A fourth subsystem, the AIRS Area/Mobile Source Subsystem (AMS), is presently under development.

**Purpose of System: There are seven "criteria pollutants" for which data must be reported to EPA and stored in AIRS: PM 10 (particulate matter less than 10 microns in size), carbon monoxide, sulfur dioxide, nitrogen dioxide, lead, reactive volatile organic compounds (VOC), and ozone. States are required by the Code of Federal Regulations to report ambient air quality data on a quarterly basis and point-source emission data on an annual basis for the above-mentioned criteria pollutants.

Key to Printout Codes (cont.):

03 AIRS (cont.)

**Information in System: The subsystems in AIRS contain the following information:

AFS has emissions and compliance data on air pollution point sources tracked by EPA and state and local environmental regulatory agencies.

AQS contains measurements of ambient concentrations of air pollutants and associated meteorological data.

GCS stores reference information (such as codes and code descriptions to identify places, pollutants, processes, geopolitical entities, and numerical values) to be used with all of the AIRS subsystems.

AMS will contain estimates of area-wide emissions from mobile sources, forest fires, fugitives transport, and other area-wide emission sources.

04 SSTS: Section Seven Tracking System

**Subject Emphasis: SSTS tracks the registration of all pesticide-producing establishments and tracks annually the types and amounts of pesticides, active ingredients, and devices that are produced, sold, or distributed in each year.

**Information in System: SSTS includes information on the types and amounts of pesticides, active ingredients, and devices that are produced, sold, or distributed. The system also contains the names and addresses of the pesticide-producing establishments and their parent companies.

05 CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

**Subject Emphasis: CERCLIS is the Superfund database which contains information on all aspects of hazardous waste sites from initial discovery to listing on the National Priorities List.

**Information in System: CERCLIS maintains information on hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

06 NCDB: National Compliance Database. Pesticides program enforcement information system. Maintained by the Office of Pesticides and Toxic Substances (OPTS).

07 DOCKET: Enforcement Docket

**Subject Emphasis: The Enforcement Docket tracks information on civil judicial enforcement cases for all environmental statues.

**Purpose of System: DOCKET is used to manage and track EPA's civil judicial caseload.

**Information in System: All information related to civil judicial enforcement activity, including case information, facility information, and defendant information, is maintained in DOCKET. The system is also capable of tracking administrative enforcement cases.

11 FFIS: Federal Facility Information System. Facilities that have submitted specific environmental project budget plans.

Maintained by the Office of Federal Activities (OFA).

13 CICIS: Chemicals in Commerce Information System

**Subject Emphasis: CICIS contains an inventory of chemicals manufactured in commerce or imported for Toxic Substances Control Act regulated commercial purposes.

**Information in System: CICIS maintains certain data on substances including chemical identification information (Chemical Abstract Services Registry numbers, synonyms, and definitions of substances), production volumes in ranges, and submitter identification information.

14 STATE: Facilities that are regulated by a state environmental program. Maintained by the Office of State Program (OSP).

15 PADS: PCB Activity DATA System. PCB generators, storers, transporters or permitted disposers. Maintained by the Office of Toxic Substances (OTS).

17 TRI: Toxic Release Inventory

**Subject Emphasis: TRI contains information from facilities on the amounts of over 300 listed toxic chemicals that the facilities release directly to air, water, or land or that are transported (transferred) off-site.

**Information in System: TRI contains facility and substance identification, environmental chemical release, off-site waste transfer, and waste treatment/minimization information.

18 CUS: Chemical Update System. Facilities which manufacture or import in excess of 10,000 pounds of specific toxic chemicals during the preceding fiscal year. Maintained by the Office of Toxic Substances (OTS).

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EPA Facility Index System Detail Report - Zip Code(s) Data extracted from EPA: 6/17/93

*********	*************	******	*****
Facility Address Alternate	Location Address Location Zip	City Source	County EPA ID
AEGIS ASSOCIATES	44 E AVE NO 100 78701	AUSTIN 1	453 TXD982557167
ALAMO STEEL AND MACH	RUTLAND DR. 78701	AUSTIN	453 TXD988015749
AMERICAN CLEANERS 2500'E 3500 OAKMONT 101	309 W 5TH ST 78701	AUSTIN 1	453 TXD981904972
AUSTIN AMERICAN-STATESMAN 2400' 5E	308 GUADALUPE ST 78701	AUSTIN 1	453 TXD008116089
AUSTIN CITY BLDG MAINT 2400'SE	411 W 2ND ST 78701	AUSTIN	453 TXD981901481
AUSTIN CITY OF MABEL DAVIS PARK	INTERSECTION OF WOODWARD & BEN WHITE BLVD 78701	AUSTIN 5	453 TXD980623219
AUSTIN CITY POLICE DEPT	715 E 8TH ST 78701	AUSTIN 1	053 TX0981610637
AUSTIN CITY SC 12 750'SE	300 W AVE 78701	AUSTIN 1	453 TXD981901499
AUSTIN CITY SC 2	600 RIVER ST 78701	AUSTIN 1	453 TXD981901523
AUSTIN CITY SC 5	714 E 8TH ST 78701	AUSTIN 1	453 TXD981901515
AUSTIN COMMUNITY COLLEGE	824 W 12TH ST 78701	AUSTIN 1	453 TX0981910078
AUSTIN COMMUNITY COLLEGE RIO GRANDE PO BOX 2285	1212 RIO GRANDE ST 78701	AUSTIN 1	453 TXD980878078
AUSTIN GAS LIGHT CO	CORNER OF 2ND & COLORADO 78701	AUSTIN 5	453 TXD987989357
AUSTIN ROAD COMPANY	VOLENTE RO 78701	AUSTIN 3	453 TXD980340616
AUSTIN STATE PUR & GEN SVC ADM PO BOX 13047 CAPITOLSTATION	1711 SAN JACINTO BLVD # 105 78701	AUSTIN 1	453 TXD982559908
BEN AXLE SVC INC	219 W 4TH ST 78701	AUSTIN 1	053 TXD026010702
BORDEN INC DAIRY DIV	600 E 1ST ST	AUSTIN 17	053 TX0987996675

EPA Facility Index System Detail Report - Zip Code(s)

Data extracted from EPA: 6/17/93

Facility	Location Address	City	County EPA ID
Address Alternate	Location Zip	Source	county that
BRACKENRIDGE HOSP	601 E 15TH ST	AUSTIN	***********
601 E 15TH ST	78701	1	453 TXD039422399
BUNPER TO BUMPER CP & M	201 CAN MOTHER BLVD OF DC	A11CT 1.11	
BUNTER TO BUNTER CP & H	201 SAN JACINTO BLVD BLDG 78701	AUSTIN 1	453 TXD981902612
CACTOGE CLADE	500 5 07W 67		
CASTROS CLNRS	502 E 6TH ST 78701	AUSTIN 1	453 TXD981610827
		_	
COMMUNICATION SPECIALISTS INC PO BOX 1529	603 DAVIS ST 78701	AUSTIN 1	053 TXD988075248
		•	
DRISKILL HOTEL	604 BRAZOS ST 78701	AUSTIN 4	TXD988076311
PO BOX 4415	1104 E AVE 78701	AUSTIN 1	453 TXD988031886
10 557 1415	,,,,,,	•	
FOUR SEASONS HOTEL	98 SAN JACINTO BLVD 78701	AUSTIN	453 TXD988033759
	76701	1	
GENERAL SVC ADMIN	300 E 9TH ST	AUSTIN	015 TX0987999844
	78701	15,11	
JACK BROWN CLEANERS	615 W MARTIN LUTHER KING JR BLVD	AUSTIN	453 TXD981590664
	78701	1	
LINCOLN PROPERTIES	FIRST AND CONGRESS	AUSTIN	451 TX098115597
	78701	5	
LINCOLN PROPERTY COMPANY	100 CONGRESS AVE	AUSTIN	453 TXD981058209
	78701	1	
LONE STAR GAS COMPANY	US 277	AUSTIN	441 TXD987972403
	78701	3 .	
LONGHORN CLEANERS	510 W MARTIN LUTHER KING JR BLVD	AUSTIN	453 TXD988081204
	78701	1	
LORENZO DE ZAVALA ST LIBRARY & ST ARCHI	VES TH 1201 BRAZOS ST	AUSTIN	015 TXD988023255
	78701	4	
MILLER BLUEPRINT CO : 1750' E	513 W 6TH ST	AUSTIN	453 TXD981607088
PO BOX 2065	78701	1	
MOBIL OIL CORP #AF7	717 E 7TH ST I-35 # I-35	AUSTIN	439 TXD988038402
•	78701	1	
PAGE SOUTHERLAND PAGE 875' NE	606 W AVE	AUSTIN	453 TXD988019295
PO BOX 2004	78701	1	100 10000013636

07/29/93

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EPA Facility Index System Detail Report - Zip Code(s)

Data extracted from EPA: 6/17/93

***********	Data extracted from EPA: 6/17/93	*********	*******
Facility Address Alternate	Location Address Location Zip	City Source	County EPA ID
ROLLINGS SPRING CLEAR INC	209 CONGRESS AVE 78701	AUSTIN 4	453 TXD980811780
SETH ENGINE PARTS DIST CO	617 E 3RD ST 78701	AUSTIN 1	053 TXD080255581
ST MARTIN LUTHERN	606 W 15TH ST 78701	AUSTIN 4,7,6,6,6	453 TXD101044337
STATE CAPITOL BUILDING	100 E 11TH ST 78701	AUSTIN 4	453 TXD981147424
SWEET 1 HR DRY CLHRS 613 CONGRESS AVE	613 CONGRESS AVE 78701	AUSTIN 1	453 TXD981586811
TEXAS COMPTROLLER TAX PUBS 111 E 17TH LBJ BLDG ROOM 706	111 W 6TH ST 78701	AUSTIN 1	453 TXD981914948
TEXAS DEPT OF HWYS & PUB TRANS	35TH & JACKSON 78701	AUSTIN 1	453 TXD980865059
TEXAS STATE BUILDING & PROPERTY	101 W 15TH ST CONGRESS AVE 78701	AUSTIN 4,6	015 TX0988052726
TEXAS STATE BULIDING & PROPERTY SVC STE 201	1711 SAN JACINTO BLVD 78701	AUSTIN 4,4.6	053 TXD987989225
TEXAS STATE CAPITOL	12TH & CONGRESS 78701	AUSTIN	453 TXD988039681
TEXAS STATE GEN SVC COMM	1518 SAN JACINTO BLVD 78701	AUSTIN 4.6	015 TX0988059598
TRAVIS COUNTY MEDICAL EXAMINER PO BOX 1748	705 E 14TH ST # B13 78701	AUSTIN 1	453 TX0982563264
TRAVIS COUNTY/PCT 1 LANDFILL	N ON US 290 .3MI W OFF GUILES RD 78701	AUSTIN 3	015 TXD988055042
TRAYIS MANUFACTURING	DROSSETTE DR & WINNE 78701	AUSTIN 3	453 TXD988015756
UNIVERSITY OF TEXAS AT AUSTIN	24TH ST & SAN JACINTO ST 78701	AUSTIN 3,3,3,6,6	453 TXD982311318
US POST SVC AUSTIN	300 E 9TH ST 78701	AUSTIN 1,11	453 TX8180000301
vallace engraving co 26∞′ E	407 LAVACA ST 78701	AUSTIN 1	453 .TXD000017970

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EPA Facility Index System Detail Report - Zip Code(s) Data extracted from EPA: 6/17/93

************	**************	**********	*****
Facility Address Alternate	Location Address Location Zip	City Source	County EPA ID
AUSTIN CHEMICAL CO 500' S	302 BOWIE ST 78703	AUSTIN 4	453 TXD026009761
AUSTIN ELECTRIC DEPT SEAHOLM P 1500'S	800 W 1ST ST 78703	AUSTIN 3	453 TXD980340533
AUSTIN ISD 1755 AW	1111 W 6TH ST 78703	AUSTIN 6	053 TXD988065900
AUSTIN ISD CRISWELL 2500' W	1315 W 5TH ST 78703	AUSTIN 1	453 TXD981901648
AUSTIN ISD HIGH SCH	1715 W 1ST ST 78703	AUSTIN 1	053 TX0138034731
AUSTIN STATE SCH SP ED	2203 W 35TH ST 78703	AUSTIN 4.6.6	453 TX0100545292
AUSTIN TOYOTA On Site	805 W STH ST 78703	AUSTIN 1	453 TXD052642477
BENZ WORKSHOP 750'SW	316 N LAMAR BLVD 78703	AUSTIN 1	453 TXD031606643
CAPITOL CHEVROLET INC 625' سا	501 N LAMAR BLVD 78703	AUSTIN 1	453 TXD008944928
CASA MONTESSORI CHILD CTR	2201 W 1ST ST 78703	AUSTIN 4.6	053 TX0159386432
COFFEY LINCOLN MERCURY 625'NW	900 W 6TH ST 78703	AUSTIN 1	453 TXD030917090
COVERT BUICK P O BOX 1744	1407 W 5TH ST 78703	AUSTIN 1	453 TXD102738846
DAVIS WATER TREATMENT PLT P O 80X 1088	3500 ₩ 35TH ST 78703	AUSTIN 1	453 TXD982564973
DENAM INC	1601 W 5TH ST 78703	AUSTIN 1	453 TXD980878888
DONS PAINT BODY SHOP INC	1006 W 12TH ST 78703	AUSTIN 1	453 TXD981057920
EPISCOPAL CHURCH OF THE GOOD SHEPHERD DAY S	CH 2206 EXPOSITION BLVD 78703	AUSTIN 4,4,6,6,6,6	453 TXD987981015
EXXON CO USA 63353 P O BOX 4415	2402 LAKE AUSTIN BLVD 78703	AUSTIN 1	453 TXD988032116

P 0 BOX 2052

EPA Facility Index System Detail Report - Zip Code(s) Data extracted from EPA: 6/17/93

Facility Location Address City County EPA ID Address Alternate Location Zip Source LAGUNA GLORIA ART MUSEUM INC 3809 W 35TH ST AUSTIN 453 TX0051204758 78703 4.6 3600 LAKE AUSTIN BLVD LAKE AUSTIN COMPLEX AUSTIN 453 TXD988083366 78703 LOWER COLORADO RIVER AUTHORITY 3701 LAKE AUSTIN BLVD AUSTIN 453 TXD981912835 78703 PO BOX 220 MCMORRIS DOWNTOWN FORD 500' NO 2500' NO 808 W 6TH & 1214 W 6TH AUSTIN 453 TXD981155153 78703 1 O HENRY JUNIOR HIGH SCH 2610 W 10TH ST AUSTIN 453 TX0981585235 78703 ONION CREEK VOLKSWAGEN 2250' N 1014 N LAMAR BLVD AUSTIN 453 TXD980878870 78703 PHILLIPS PETROLEUM CO 24296 2407 LAKE AUSTIN BLVD AUSTIN 453 TXD988076162 P O BOX 2400 78703 PRESTIGE CLEANERS 96 3102 WINDSOR RD AUSTIN 453 TXD988059465 78703 STRUTS CLEANERS 2425A EXPOSITION AUSTIN 453 TXD982562837 P 0 BOX 27304 78703 1 TARRYTOWN TEXACO OF AUSTIN INC 2400 EXPOSITION BLVD AUSTIN 053 TXD048452833 78703 TERMINIX CO OF AUSTIN 1206 PARKWAY AUSTIN 453 TXD026031542 78703 ~250' N TIP TOP CLEANERS 1014 N LAMAR F AUSTIN 053 TXD981606411 78703 1250'W TIPS IRON & STEEL 300 BAYLOR ST AUSTIN . 453 TXD008127391 P 0 80X 2003 78703 4,1,6 TOWN LAKE CHRYSLER PLYMOUTH IMPERIAL Sw' N 841 W 6TH ST AUSTIN 453 TXD980879795

1

78703

ERNS SITE REPORTS

from the

EPA Emergency Response Notifications System (ERNS)

Comments: Emergency Response Notifications record search for County Code(s) 453.

EPA Contact Number - (214) 655-2270

ERNS Database Description:

The EPA Emergency Response Notification System serves to store information on releases of oil and hazardous substances. Releases are recorded in ERNS when they are initially reported to the federal government by any party.

ERNS combines data from the National Response Center and the Marine Safety Information System.

Key to Printout Codes:

Units

- P Pounds
- 6 6allons
- 8 Barrels
- 0 Other
- U Unknown
- L Liters

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EPA Emergency Response Notifications Detail Report - County Code(s)

Data extracted from EPA: 6/10/93

	*****************************	*******	******	*****	*****	*****	****
	PRP Name Site Address	Material Released	City	Quantity	Unit County		Zip
	8801 LITTLE WALNUT DR IN THE WOODS BEHIN	UNKNOWN OIL	AUSTIN	0	U TRAVIS	06/20/90	F90-2677
	EDWARDS AQUIFER	OIL:CRUDE	AUSTIN	0	U TRAVIS		F92-2613
	615 WEST ST. JOHNS 8.25' NE	UNKNOWN OIL	AUSTIN	15		11/17/92	
÷	3M 6801 RIVER PLACE BLVD	OIL, MISC: MINERAL	AUSTIN	0	G TRAVIS	06/24/92	F92-3132 78726
	ADVANCED MICRO DEVICES 5204 EAST BEN WHITE BLVD	ACIDIC WASTE WATER	AUSTIN	330	G TRAVIS	06/06/90	F90-2520
	AUSTIN STATE HOSPITAL 4110 GUADALUPE	DIESEL FUEL	AUSTIN	0	U TRAVIS	05/01/89	F89-1462 -
	AUTO ZONE 1ST ST AND STASSNEY	OIL. MISC: MOTOR	AUSTIN	0	U TRAVIS	04/20/93	F93-2356
	BOATTOWN INC 3826 LAKE AUSTIN BLVD	GASOLINE: AUTOMOTIVE	(4.23G PB/G AUSTIN	0	U TRAVIS	09/14/91	F91-3824
	BORDEN SUPERIOR CO 71 STRANDMAN COVE	AMMONIA, anhydrous	AUSTIN	0	U TRAVIS	03/14/91	F91-1551
	CHEMICAL DYNANICA CHEMICAL DYNANICA	OXIDERS (PLASTIC BAG	5) AUSTIN	0	U TRAVIS	08/22/88	F88-2026
	. CHEVRON	GASOLINE	NITZUA	20	G TRAVIS	03/15/88	F88-1028
	CHEVRON USA 1135 SPRINGSDALE RD./MARKETING TERMINAL	GASOLINE	AUSTIN	12600	G TRAVIS	03/11/87	F87-0976
	CIRCLE K 3625 BEE CAVE ROAD	GASOLINE.	AUSTIN	2	G TRAVIS	11/04/91	F92-0327
	CITY AUSTIN ENVIRONMENTAL DEPT TRAVIS COUNTY SEAHOLM 1ST & W. AVE	PCB OIL	AUSTIN	500	G TRAVIS	07/08/88	F88-1753
	CITY OF AUSTIN 7113 E MARTIN LUTHUR KING JR. BLVD	PCB	AUSTIN	10	G TRAVIS	09/11/89	F89-2785
	CITY OF AUSTIN 2506 W 35TH ST	PCB OIL 70 PPM	AUSTIN	3	G TRAVIS	09/13/89	F89-2807
	CITY OF AUSTIN	OIL. MINERAL PCB CONT	AMINATED AUSTIN	20	G TRAVIS	03/01/90	F91-1429

EPA Emergency Response Notifications Detail Report - County Code(s) Data extracted from EPA: 6/10/93

*************	**********	*******	******	*****	*****
PRP Name Site Address	Material Released City		County		Case No. Zip
CITY OF AUSTIN	POLYCHLORINATED BIPHENYLS AUSTIN			02/07/91	
CITY OF AUSTIN 2915 WEBBERVILLE ROAD	OIL, MISC: TRANSFORMER AUSTIN	90	G TRAVIS	08/11/92	F92-3732 78704
CITY OF AUSTIN 2401 HOLLY ST	OIL, FUEL: NO. 2 AUSTIN	1000	G TRAVIS	11/03/91	F92-0355
CITY OF AUSTIN HOLLY STREET POWER PLANT	OIL,FUEL:NO. 5	700		03/13/93	F96-1827 78704-
CITY OF AUSTIN HOLLY STREET POWER PLANT	OIL,FUEL:NO. 5	700	G TRAVIS	03/13/93	F96-1827 78704-
CITY OF AUSTIN HOLLY STREET POWER PLANT	OIL,FUEL:NO. 5	700		03/13/93	F96-1827 78704-
CITY OF AUSTIN HOLLY STREET POWER PLANT	OIL,FUEL:NO. 5	700			F96-1827 78704-
CITY OF AUSTIN HOLLY STREET POWER PLANT	OIL,FUEL:NO. 5	700		03/13/93	F96-1827 78704-
CITY OF AUSTIN HOLLY STREET POWER PLANT	OIL.FUEL:NO. 5 AUSTIN	700		03/13/93	F96-1827 78704-
CITY OF AUSTIN HOLLY STREET POWER PLANT	OIL,FUEL:NO. 5	700	G TRAVIS	03/13/93	F96-1827 78704-
CITY OF AUSTIN HOLLY STREET POWER PLANT	OIL,FUEL:NO. 5	700		03/13/93	F96-1827 78704-
CITY OF AUSTIN HOLLY STREET POWER PLANT	OIL,FUEL:NO. 5	700		03/13/93	F96-1827 78704-
CITY OF AUSTIN , HOLLY STREET POWER PLANT	OIL,FUEL:NO. 5	700	G TRAVIS		F96-1827 78704-
CITY OF AUSTIN DUMP FM 969 AND 812 CITY DUMP	AUSTIN AUSTIN	0	U TRAVIS	08/05/89	F89-2420
; CITY OF AUSTIN ELEC UTILITY DP 2305 PARMER LN'	TRANSFORMER OIL (PCB'S 50 PPM) AUSTIN	0	U TRAVIS	03/14/89	F89-1055
CITY OF AUSTIN ELEC. DEPT	POLYCHLORINATED BIPHENYLS AUSTIN	10	G TRAVIS	05/02/93	F93-2457
CITY OF AUSTIN ELEC. UTILITIES CRAMER LANE TRANSFORMER SERVICE STATION	TRANSFORMER OIL PCB- AUSTIN	1	G TRAVIS	06/26/87	F87-1735

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EPA Emergency Response Notifications Detail Report - County Code(s)

Data extracted from EPA: 6/10/93

\$ 1	*******		lata extracted from EP		*******	****	******	*******
-	ite Address		Material Released	City	Quantity	Unit County	Date	Case No. Zip
		CITY OF AUSTIN ELEC/UTIL	NO. 5 FUEL/OIL	AUSTIN		G TRAVIS	09/24/92	
3(01 W RIVERSIDE	CITY OF AUSTIN ELECTRIC DR.	POLYCHLORINATED BIPH		0	G TRAVIS	03/13/90	F90-1626
85	325 SHOAL CREE	CITY OF AUSTIN ELECTRIC UTIL	PCB OIL	AUSTIN	1	G TRAVIS	04/06/89	F89-1269
 80	0 W. FIRST ST	CITY OF AUSTIN ELECTRIC UTIL. REET 1500'S	SULFURIC ACID	AUSTIN	200	G TRAVIS	07/24/87	F87-1938
C.A		CITY OF AUSTIN ELECTRIC UTILIT ER OF 35TH AND MOPAC	PCB OIL	AUSTIN	100	G TRAVIS	01/12/89	F89-0537
50	1 LOCKHART ST.	CITY OF AUSTIN ELECTRIC UTILIT	TRANSFORMER OIL	AUSTIN	5	G TRAVIS	02/25/89	F89-0874
CI	NDY ST. AT TON	CITY OF AUSTIN ELECTRIC UTILIT	TRANSFORMER OIL	AUSTIN	20	. G TRAVIS	•	F89-1589
HA.		COASTAL STATE CRUDE GATH. WHITE BLV D	JET FUEL: JP-4	AUSTIN	0	U TRAVIS	03/17/92	F92-1927
96	OO BURNET ROAL	COCA COLA BOTTLING CO.	AMMONIA, anhydrous	AUSTIN	100		03/18/92	
NE	AREST TOWN/AUS	EXXON STIN WEST OF 290	OIL:CRUDE	AUSTIN	700	B TRAVIS	08/05/87	F87-2008
11	27 SPRINGDALE	EXXON CO. USA RO.	OIL: DIESEL	AUSTIN	0		07/19/90	F90-2927 78721-
7		FAYETTE POWER PROJECT LANGE OFF HWY. 21	DIESEL #2	AUSTIN	0	TRAVIS	04/05/87	F87-1131
11		GIBRALTER CHEMICAL RES.	CUPRIC CHLORIDE	AUSTIN	11	P TRAVIS	07/26/91	F91-3216
MI		HARRIS I-35 NORTHBOUND	UNKNOWN MATERIAL	AUSTIN	0	U TRAVIS	03/29/90	F90-1759
90	11 JOHNY MORRI	KOCH REFINING CO	GASOLINE: AUTOMOTIVE	(UNLEADED) AUSTIN	0	U TRAVIS	09/03/91	F91-3654
LA		LAKE WAY MUNICIPAL UTILITY DIS SEWAGE TREATMENT FACILIT	TREATED SEVAGE EFFLUE	NT AUSTIN	200	G TRAVIS	11/03/89	F90-0267
LA		LAKEWAY UTILITY DISTRICT NA NEAR THE SEWER PLANT	DIGESTER SLUDGE (MUNI	CIPAL) AUSTIN	5	G TRAVIS	10/17/89	F90-0108
CI HW 966 NE 11 7 11 MI 90 LA	NDY ST. AT TON TY 183 AND BEN TO BURNET ROAD AREST TOWN/AUS 27 SPRINGDALE MI. E. OF LAGR 400 BURNET RD LEPOST 243 ON 11 JOHNY MORRI KEWAY VILLAGE	CITY OF AUSTIN ELECTRIC UTILIT KANE ST COASTAL STATE CRUDE GATH. WHITE BLV D. COCA COLA BOTTLING CO. EXXON STIN WEST OF 290 EXXON CO. USA RD. FAYETTE POWER PROJECT LANGE OFF HWY. 21 GIBRALTER CHEMICAL RES. HARRIS I-35 NORTHBOUND KOCH REFINING CO S RD LAKE WAY MUNICIPAL UTILITY DIS SEWAGE TREATMENT FACILIT LAKEWAY UTILITY DISTRICT	JET FUEL: JP-4 AMMONIA, anhydrous OIL:CRUDE OIL: DIESEL DIESEL #2 CUPRIC CHLORIDE UNKNOWN MATERIAL GASOLINE: AUTOMOTIVE TREATED SEWAGE EFFLUE DIGESTER SLUDGE (MUNI	AUSTIN AUSTIN AUSTIN AUSTIN AUSTIN AUSTIN (UNLEADED) AUSTIN ENT AUSTIN CIPAL)	0 100 700 0 0 11 0 0 200	G TRAVIS U TRAVIS P TRAVIS U TRAVIS	05/15/89 03/17/92 03/18/92 08/05/87 07/19/90 04/05/87 07/26/91 03/29/90 09/03/91 11/03/89	F FF FF

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EPA Emergency Response Notifications Detail Report - County Code(s) Data extracted from EPA: 6/10/93

Site Address	PRP Name	**************************************	**************************************	**************************************	Unit County	Date	Case No.
	**********	*******	-	******			
3600 LAKE AUST	LOWER COLORADO RIVER AUTH IN BLVD TOM MILLER DAM OVER TOWN LAKE		AUSTIN	15	G TRAVIS	12/18/91	F92-0835
LOWER COLO. RIV	LOWER COLORADO RIVER AUTHORITY VER AUTHORITY	DIESEL #2	AUSTIN	10	G TRAVIS	06/12/87	F87-1602
1309 WEST 45TH	MISSION PETROLEUM CARRIER STREET	GASOLINE: AUTOMOTIVE	(4.23G PB/G AUSTIN	120	G TRAVIS	06/30/92	F92-3200
MOBIL OIL CORP.	MOBIL OIL CORP.	GASOLINE VAPORS	AUSTIN	0	U TRAVIS	04/20/90	F90-1973
1309 WEST 45TH	MOBIL OIL CORP. STREET	GASOLINE: AUTOMOTIVE	UNLEADED AUSTIN	120	G TRAVIS	06/30/92	F92-3195 78741-1
3501 ED BLUESTE	MOTOROLA INC IN BLVD	WASTE CORROSIVE ACID	AUSTIN	40	G TRAVIS	08/07/90	F90-3103
MOTOROLA, INC	MOTOROLA, INC	WASTE ACID	AUSTIN	20	G TRAVIS	05/06/88	F88-1421
1703 B RIVERHIL	PIER RESTAURANT LL RD	GASOLINE	AUSTIN	0	G TRAVIS		F90-1209
8419 BURNET RD	PRECISION	ANTIFREEZE	AUSTIN	5	G TRAVIS	01/07/90	F90-0957
3851 AIRPORT BU	R.P. KINCHELOE VD SUITE 106	UNKNOWN OIL	AUSTIN	0	U TRAVIS		F90-2603
12621 RESEARCH	R.S.A. INC BLVD	LEAD	AUSTIN	O	U TRAVIS	02/26/92	F92-1831 78759
9018 TUSCANY WA	ROADWAY EXPRESS	LEAO	AUSTIN	25	P TRAVIS	04/11/90	F90-1897
PARKING LOT	ROGERT MROSKI OSKI'S GROCERY	DIESEL FUEL	LAGO VISTA	60	G TRAVIS		F88-1824
32ND ST	ST. DAVIDS HOSPITAL	UNKNOWN MATERIAL	AUSTIN	0	U TRAVIS		F91-1369
LBJ OFFICE BLDG	STATE OF TEXAS 111 E 7TH ST.	ASBESTOS	AUSTIN	0	P TRAVIS	01/19/89	F89-0580
71 STRANDTHAN C	SUPERIOR DAIRIES	AMMONIA	AUSTIN	80	P TRAVIS	02/02/88	F89-0285 78702-
821 WOODWARD ST	SW ANALYTICAL	METHYL CHLORIDE .	AUSTIN	0	U TRAVIS		F89-1891 78704

EPA Emergency Response Notifications Detail Report - County Code(s)

Data extracted from EPA: 6/10/93

	Site Address	PRP Name	Material Released	City		County		Case No. Zip
		SW ANALYTICAL CHEMICALS ALYTICAL CHEMICALS	TRIMETHYLAMINE	AUSŤIN	350		08/15/90	F90-3191
	116 PECAN ST.	TANK CHECK ENVIR SVCS		(4.23G PB/G PFLUGERVILLE	0	U TRAVIS	04/17/90	F90-2259
	503 W 17TH ST	TANK CHECK ENVIR. SERVICES	#2 FUEL OIL	AUSTIN	0	TRAVIS		F90-1262 78701-
· .·	7114 N. LAMAR BI	TEXACO CHEM LVO.	ETHYLENE OXIDE	AUSTIN	4		07/19/89	F89-2174 78761-
	7114 LAMAR BLVD.	TEXACO CHEM CO.	ETHYLENE OXIDE	AUSTIN	5		03/06/89	. F89-0961 78752-
	7114 N LAMAR BLY	TEXACO CHEMICAL	ETHYLENE GLYCOL	AUSTIN	92		12/07/92	
	7114 N LAMAR ST.	TEXACO CHEMICAL CO.	ETHYLENE OXIDE (OXIR	•	5	P TRAVIS	02/10/88	F88-0810
	714 NORTH LAMAR		AMMONIA, anhydrous	AUSTIN	264	P TRAVIS	09/16/90	F90-3515
•	7114 NORTH LAMAR	TEXACO CHEMICAL COMPANY		AUSTIN	0	U TRAVIS	12/20/91	F92-0885
	7114 N. LAMAR	TEXACO OIL	TOLUENE DIISOCYANATE	AUSTIN	10	G TRAVIS	07/09/87	F87-1825
	14735 BRATTON LA	TEXAS INDUS. WASTE CONTRO NE		AUSTIN	50	G TRAVIS	07/20/90	F90-3032
	12501 RESERCH BL		COPPER CHLORIDE (1c)	AUSTIN	0	U TRAVIS	10/25/90	F91-0206
	12501 RESEARCH B	TEXAS INSTRUMENTS	SULFURIC ACID	AUSTIN .	1500	G TRAVIS	05/12/91	F91-2242
	12501 RESEARCH B	TEXAS INSTRUMENTS	HEAVY METAL SLUDGE	AUSTIN	20	G TRAVIS	07/31/92	F92-3556
	INTERSECT HWY 18	TEXAS INSTRUMENTS 3 & 620	SULFURIC ACID	AUSTIN	10	G TRAVIS	03/04/93	F93-1729
	1609 EAST RIVERS	TRIPLE S PETROLEUM IDE DRIVE	GASOLINE: AUTOMOTIVE	UNLEADED AUSTIN	S	G TRAVIS	04/23/91	F91-2000
		UNION PACIFIC RAILROAD RD 250 NORTH LAMAR BLVD	OIL, FUEL: NO. 2-D.	- AUSTIN	800	G TRAVIS	01/14/93	F93-1107

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BUILDING NO. 3540

EPA Emergency Response Notifications Detail Report - County Code(s) Data extracted from EPA: 6/10/93

*****	· :************************************	*******	*****	*****	*****	*****	******
Site Address	PRP Name	Material Released	City		Unit County		Zip
	UNIVERISTY OF TEXAS - AUSTIN		AUSTIN	25		04/28/87	
CAPITOL TEXAS H	UNKNOWN IY S & WEST LAKE HIGH DR.	DIESEL	WEST LAKE HILL	o s	U TRAVIS	01/27/89	F89-0627
7707 A CROFTWOO	UNKNOWN DD .	DIESEL FUEL	AUSTIN	0	U TRAVIS	02/24/89	F89-0872
3400 STECK AVE	UNKNOWN	DIESEL FUEL	AUSTIN	150	G TRAVIS	02/24/89	F89-0873
UNKNOWN	UNKNOWN	CHLORINE ODOR	AUSTIN	0	U TRAVIS	03/20/89	F89-1086
9004 POINTER LA	UNKNOWN INE WEST	WASTE OIL	AUSTIN	0	U TRAVIS	03/29/89	F89-1155
HERGOTZ HOMESTE	UNKNOWN CAD	UNKNOWN	AUSTIN	0	U TRAVIS	05/22/89	F89-1612
9201 BROWN LANE	UNKNOWN	UNKNOWN	AUSTIN	3	B TRAVIS	06/26/89	F89-1979
CONGRESS AVE. A	UNKNOWN T FIRST ST.	FLUORESCENT GREEN	AUSTIN	0	U TRAVIS	07/16/89	F89-2127
	UNKNOWN	JET FUEL: JP-5 (KERO	SENE, HEAVY) LAKEWAY	0	U TRAVIS	08/06/90	F90-3091
FOUR SEASONS GA	USAF RDEN SHOP	PESTICIDES	AUSTIN	0	U TRAVIS	04/27/90	F90-2052
	USAF BERGSTROM AFB	ISO TOX		0	U	04/27/90	F90-2080

AUSTIN

TRAVIS

PST SITE REPORTS

from the

TWC Petroleum Storage Tank Registration (PST) Database Comments: 6ST record search for Zip Code(s) 78701.78703.

TWC Contact Number - (512) 908-2154

PST Database Description:

The TWC Petroleum Storage Tank (PST) database serves to track the location and number of all above and below ground tanks under the TWC jurisdiction.

Key to Printout Codes:

UST: Indicates number of underground storage tanks located at facility.

AST: Indicates number of aboveground storage tanks located at facility.

TANK DETAIL INFORMATION

CAN BE ACCESSED USING THE *

TANK DETAIL DATABASES

Page No. 1

TWC Petroleum Storage Tank Registrations Listing Report - Zip Code(s)

Data	extracted	from	TWC:	04/28/93	
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*****	******	*********	******	**********	*****	******
I.D.	OWNER	FACILITY	STREET	·	CITY	UST AST ZIP
0017328	AT&T % BRAD BEARD	AUSTIN JCT RADIO RELAY STATION	10TH & L	YNN ST	AUSTIN	000 000 78701
0060134	TEXAS COMMERCE BANK-AUSTIN	ACC BOOK STORE	801	W 12TH ST	AUSTIN	000 000 78701
0063615	AT&T REAL ESTATE	AT&T AUSTIN FACILITY	705	E 12TH STREET	AUSTIN	000 000 78701
0000006	CITY OF AUSTIN/MARC CHILDRE	BRACKENRIDGE HOSPITAL	601	E 15TH ST	AUSTIN	003 000 78701
0007176	SOUTHLAND CORPORATION	7-ELEVEN #12705	408	W 15TH ST	AUSTIN	003 000 78701
0034800	METROPOLITAN LIFE INSURANCE	FIRST STATE BANK TOWER	400	W 15TH STE 711	AUSTIN	000 000 78701
0031210	UNIVERSITY OF TEXAS AT AUST	SUPERIOR DAIRIES INC		E 1ST ST	AUSTIN	000 000 78701
0063471	LORENZCO, INC	ACUNA'S	511	E 1ST ST	AUSTIN	004 000 78701
0056024	AUSTIN PUB WKS/ GEOFF STEWA	NEW CONVENTON CENTER	500	E 1ST ST (1ST & NECHES)	AUSTIN	000 000 78701
	RTC/FIRST FED SAV OF ESTHER		206	214 CONGRESS AVE	AUSTIN	003 000 78701
0009297	BERRY, FIELDON	BERRY, FIELDON	501	E 3RD	AUSTIN	000 000 78701
0022893	YOUNG & PRATT INC.	YOUNG & PRATT INC.	702	E 3RD ST	AUSTIN	000 000 78701
0049597	CITY OF AUSTIN/MARC CHILDRE	SETH ENGINE PARTS	617	E 3RD ST	AUSTIN	000 000 78701
0057898	FDIC C/O AMRESCO MANAGEMENT		4TH & CO	LORADO	AUSTIN	000 000 78701
0034978	CHEVRON USA, INC	COVERT BUICK 1000 E	500	W 5TH	AUSTÍN	000 000 78701
0018162	CITY OF AUSTIN/MARC CHILDRE	FIRE STATION #1	401	E 5TH ST	AUSTIN	002 000 78701
0053521	FINLEY COMPANY	NO NAME	509	E 5TH ST	AUSTIN	000 000 78701
0062072	STRIED, RON	AUSTIN CAT & DOG HOSPITAL	506	E 5TH ST	AUSTIN	000 000 78701
0064115	FRANKLIN FEDERAL BANCORP	UNKNOWN	213	W 5TH ST	AUSTIN	004 000 78701
0004268	COVERT BUICK. INC	COVERT BUICK INC. 1000 =	501	W 5TH ST.	AUSTIN	002 000 78701
0064107	FRANKLIN FEDERAL BANCORP	NONE 200'	213	W 5TH STREET	AUSTIN	004 000 78701
0025280	DANFORTH INVESTMENTS	COTHRON'S TEXACO SERVICE	5 701	W 6TH ST	AUSTIN	000 000 78701
0032184	WEST TEXAS GAS, INC	UNCLES CONVENIENCE STORE	y-	W 6TH ST	AUSTIN	004 000 78701
0048781	KATZ AND ATLAS INC.	KATZ AND ATLAS INC.	618	₩ 6ТН ЅТС	AUSTIN	000 000 78701
0061143	JUNIOR LEAGUE OF AUSTIN INC	JUNIOR LEAGUE OF AUSTIN PKG LO		E 6TH ST	AUSTIN	000 000 78701
0062049	FDIC C/O AMRESCO MANAGEMENT	ROTP-2 PROPERTY 2125 E	401	W 6TH ST	AUŞTIN	001 000 78701
0017721	MOBIL OIL CORP	12AF7	717	E 7TH ST	AUSTIN	003 000 78701
0029963	INTERFIRST BANK, TRUSTEE	DOCHEN, ALEX & IDA, TRUST	500	E 7TH ST	AUSTIN	000 000 78701
0053154	ESTATE OF VERNON FOWLER, DEC	"FOWLER ELECTRIC"	621	E 7TH ST	AUSTIN	000 000 78701
0018146	CITY OF AUSTIN/MARC CHILDRE	VES - SERVICE CENTER S	714	T2 HT8 3	AUSTIN	005 000 78701
0064191	GENERAL SERVICES ADMINISTRA	FEDERAL OFFICE BUILDING	300	E 8TH STREET	AUSTIN	001 000 78701
0026131	EXXON CO USA	SS#6~7897	1104	E AVE	AUSTIN	004 000 78701
0019600	GP LEASING CO	BALLARDS	BEN WHIT	E BLVD	AUSTIN	004 000 78701
0062765	PERRY BROOKS JOINT VENTURE	PERRY BROOKS BLDG	720	BRAZOS ST	AUSTIN	004 000 78701
0019352	SOUTHWESTERN BELL ATTN R FL	GREENWOOD TOLL	909	COLORADO	AUSTIN	002 000 78701
0060035	FDIC C/O AMRESCO MANAGEMENT	BNK63	SWCORNER	OF 3RD @ BRAZOS	AUSTIN	000 000 78701
0014512	DREW, JAMES RENTAL, INC.	DREW, JAMES RENTAL, INC.	406	EAST AVE	AUSTIN	000 000 78701
	TRIPLE S PETROLEUM COMPANY		900	EAST AVE	AUSTIN	004 000 78701
0036668	LOOMIS ARMORED, INC	LOMMIS ARMORED, INC.	78	EAST AVE	AUSTIN	000 000 78701
0063213	GENERAL LAND OFFICE	STATE WAREHOUSE	421	E FIRST ST	AUSTIN	001 000 78701
0019622	GP LEASING CO	TRIANGLE GROC	13000	FM RD 812	AUSTIN	003 000 78701
0007173	SOUTHLAND CORPORATION	7-ELEVEN #23295	1814	GUADALUPE	AUSTIN	003 000 78701
0020854		SOUTHWESTERN BELL TELEPHONE CO	1616	GUADALUPE	AUSTIN	001 000 78701
	BONNET RESOURCES CORPORATIO		1611	GUADALUPE	AUSTIN	000 000 78701
0060042	TRAVIS COUNTY DEPT OF GEN S	TRAVIS COUNTY COURTHOUSE	1000	GUADALUPE	AUSTIN	000 000 78701
0048604	EXXON CO USA	EXXON R/S #62008	I 35 & W	ELLS BRANCH	AUSTIN	004 000 78701
0028644	CHEVRON USA, INC	GULF OIL		N IN 35	AUSTIN	004 000 78701
0046616	HEY DISTRIBUTING CORPORATIO	JIM'S CONOCO	1308	LAVACA	AUSTIN	000 000 78701
0063341	FOIC ATTN: SUELLEN SHEPARO	M.D. PHARMACY	1701	LAVACA .	NITZUA	000 000 78701
0014803	CHOTE SERVICE CO.	CHOTE SERVICE CO.	500 · N	W M L K BLVD	AUSTIN	004 000 78701
0024217	REDDY ICE	REDDY ICE	901	RED RIVER	MITZUA	000 000 78701

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TWC Petroleum Storage Tank Registrations Listing Report - Zip Code(s) Data extracted from TWC: 04/28/93

*****	*****	********	*****	********	*******	******
••••	OWNER	FACILITY	STREET		CITY	UST AST ZIP
		REDDY ICE/OAK FARMS - SOUTHLAN		RED RIVER	AUSTIN	000 000 78701
0048597	TEACHERS RETIREMENT SERVICE	SPAW-GLASS CONSTRUCTION SITE	1020	RED RIVER .	AUSTIN	000 000 78701
0018143	CITY OF AUSTIN/MARC CHILDRE	SERVICE CENTER 2	600	RIVER ST	AUSTIN	002 000 78701
0032373	SOUTHLAND CORPORATION	7-ELEVEN #16084	1700	SAN JACINTO	AUSTIN	000 000 78701
0048285	STATE PUR & GEN SERV COMM	STATE SERVICE STATION	1502	SAN JACINTO	AUSTIN	006 000 78701
0059396	JOHNSTON, DEAN	DEAN JOHNSTON INC	207	SAN JACINTO BLVD	AUSTIN	000 000 78701
0018149	CITY OF AUSTIN/MARC CHILDRE	VES - SERVICE CENTER 12	300	WEST AVE SAM SU'SE	AUSTIN	002 000 78701

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TWC Petroleum Storage Tank Registrations Listing Report - Zip Code(s) Data extracted from TWC: 04/28/93

	*****	*********	*****	*****	******	*******	******
	I.D.	OWNER	FACILITY	STREET		CITY	UST AST ZIP
	0034968	CHEVRON USA. INC	STRAIT MUSIC CO.	10TH &	LAMAR 2000	· ∼ AUST!	IN 000 000 78703
		CITY OF AUSTIN/MARC CHILDRE		800	W 1ST 1500		
		LEE LOGAN	LEE LOGAN	1612	W 35TH	AUST	
		AUSTIN STATE SCHOOL	TEXAS DEPT, MH/MR	2203	W 35TH ST	AUST	
		WESTWOOD COUNTRY CLUB	WESTWOOD COUNTRY CLUB AUSTIN	3808	W 35TH ST	AUST	
_			SOUTHWESTERN BELL TELEPHONE CO	1301	W 5TH 250	a'w / AUST!	
	0044471	AUSTIN TOYOTA, INC	AUSTIN TOYOTA, INC.	805	W 5TH ST OA	site 🗶 Austi	IN 000 000 78703
$\overline{}$	0848092	AUSTIN 1.S.D.	CRISWELL BUS TERMINAL	1315	W 5TH ST 252		IN 003 000 7 87 03
	0048982	FIRST CITY ASSET SERVICING	ABANDONED ROOFING CO.	1512	W 5TH ST	AUST	IN 000 000 78703
	0050793	COVERT BUICK, INC	COVERT BODY SHOP	1407	W 5TH ST	AUST	IN 000 000 78703
÷	0004424	A &-B PROPERTIES, INC.		841	W 6TH 500' A	AUST	IN 001 000 78703
\	0041953	GEORGE COFFEY LINC/MERC INC	GEORGE COFFEY LINC./MERC.	900	₩ 6TH 750' ^	سر AUST!	IN 003 000 78703
1	0022733	BROWN, JACK	JACK BROWN CLEANERS	1009	₩ 6TH ST /UUO	AUST!	IN 000 000 78703
	0843170	BILL MCHORRIS	BILL MCMORRIS	1215	W 6TH ST 25∞	S' ルム AUST!	IN 000 000 78703
	0029436	G & S TYPESETTERS, INC.	G & S TYPESETTERS, INC.	410	O111 E 011	AUST ا	IN 000 000 78703
			TIPS IRON & STEEL CO.	300	BAYLOR ST (了いっ' W AUST!	IN 000 000 78703
	0042881	SAFEWAY RENTAL EQUIP CO, IN	SAFEWAY RENTAL EQUIP CO., INC.	311	BOWIE ST 5	oo' S AUSTI	N 000 000 78703
	0018219	FLAHERTY, ROBERT E./S.D.H.P	S.D.H.P.T.	CAMP HU	BBARD COM 35TH	JA AUSTI	IN 004 000 78703
	0018157	CITY OF AUSTIN/MARC CHILDRE	LIONS MUNICIPLE GOLF COURSE	2910	ENFIELD RD	AUST	N 002 000 78703
	0023182	STAR ENTERPRISE	TARRYTOWN TEXACO	2400	EXPOSITION	AUST	IN 005 000 78703
	0026129	WRIGHT, GILBERT	CASIS VILLAGE TEXACO	2701	EXPOSITION B	LVD AUST1	IN 004 000 78703
	0007139	SOUTHLAND CORPORATION	7-ELEVEN #25157	2620	LAKE AUSTIN	BLVD AUST	IN 003 000 78703
	0026070	KUSSAD, ISAM AHMAD & JOYCE	SAM'S CHEVRON	2402	LAKE AUSTIN	BLVD AUST	IN 004 000 78703
	0032475	LOWER COLORADO RIVER AUTHOR	LOWER COLORADO RIVER AUTHORITY	3600	LAKE AUSTIN	BLVD AUST	IN 000 000 78703
	0036469	PHILLIPS PETROLEUM COMPANY	LAKE AUSTIN BLVD. 66 #24296	2407	LAKE AUSTIN	BLVD AUST	IN 001 000 78703
	0036735	UNIVERSITY OF TEXAS AT AUST	BOAT TOWN, INC	3826	LAKE AUSTIN		N 000 000 78703
	0007174	SOUTHLAND CORPORATION	7-ELEVEN #21884	917	N LAMAR 175	******	IN 003 000 78703
	0025102	CAPITOL CHEVROLET INC >	CAPITOL CHEVROLET INC	501	N LAMAR 625		IN 002 000 78703
	0045653	CAPITOL CHEVROLET INC-	CAPITOL CHEVROLET INC.	500	TLAMAR GAS		IN 002 000 78703
\		CAPITOL CHEVROLET INC	CAPITOL CHEVROLET MAKE READY	409	N LAMAR 500'		N 000 000 78703
`	9048979	BERR PROPERTIES LTD	RECREATIONAL EQUIPMENT INC	1112	N LAMAR DGOO	AUSTI AUSTI	IN 000 000 78703
		HAYS CITY CORP (TEX-CON OIL		1200	N LAMAR BLVD	AUST1	IN 002 000 78703
			TRAVIS CNTY MINOR REPAIR FAC	1000	N LAMAR BLVD G		·-
		·	ALFRED ELLISON	1201	W LYNN	AUSTI	N 004 000 78703
			KWIK WASH	1000	W LYNN	AUSTI	
		MRS. COLONNETTA, ANTHONY		1110	W LYNN	AUSTI	
		KENNELWOOD BOAT DOCK TEXACO		1900	SCENIC DR	AUSTI	
		DON A STEWART INC	KENNELWOOD BOAT DOCK	1900	SCENIC DR	AUSTI	
	0004266	BROADDUS ENTERPRISES INC.	BROADDUS TARRYTOWN CHEVRON	3118	WINDSOR RD	AUSTI	N 004 000 78703

LPST SITE REPORTS

from the

TWC Leaking Petroleum Storage Tank Database

Comments: LPST record search for Zip Code(s) 78701.78703.

Final concurrence issued, case closed

Referred to another regulatory agency

Referred to TVC H&SV division

TWC Contact Number - (512) 371-6200

LPST Database Description:

The TWC Leaking Petroleum Storage Tank (LPST) database serves to track the location and cleanup of leaking petroleum storage tanks in Texas.

Key

Status:	Code indicates status of remediation process.	riorit	y: Code indicates type and severity of impact.
1/	Incident reported, initial directives not yet issued	1A	Impact/Threat to Human Health and/or safety
11	Initial directives issued awaiting initial response	18	Drinking water aquifer impacted or threatened
10	Initial response overdue	10	Major impact to surface water supply
11	Initial response received, referred to state lead	10	Group 1 groundwater, plume has/likely to migrate
2/	Phase 2 in progress	1E	Group 2 groundwater, plume off-site, w/in .5mi rad.
21	Phase 2 report received, review pending	1F	Group 3 groundwater, plume off-site, w/in .5mi rad.
20	Phase 2 report received with RAP, review pending	2A	Groundwater other than 1B, site charact. incomplete
21	Phase 2 report inadequate and returned	28	Surface water impact threatens public health, etc.
21	Phase 2 report received, referred to state lead	2C	Group 1 groundwater, off-site migration unlikely
21	Phase 2 report overdue	20	Group 2 groundwater, plume off-site, no wells in
3/	Phase 3 in progress		.5mi. radius
. 38	Phase 3 in progress & quarterly monitoring in progress	28	Group 3 groundwater, off-site migration likely
30	Phase 3 report received, add'l assess.	2F	Group 3 groundwater, off-site migration unlikely
30	Phase 3 report received, review pending	3	Group 3 groundwater, no wells w/in .5mi radius
38	Phase 3 report inadequate and returned	4A	Soil Contamination only, requires full site assess
36	Phase 3 report received, referred to state lead	48	Minor surface water impact
36	Phase 3 report overdue	4C	Minor release to ground surface
31	Quarterly monitoring report overdue	5	Minor soil contamination - does not require a rap
31	Remedial action plan (RAP) approved	6	Minor soil contamination - no remedial action required
3.	RAP rec'd, review pending		
3 K	RAP overdue		•
4.6	Remedial action in progress		
48	Quarterly monitoring report overdue		
40	Quarterly monitoring report received, review pending		
5A	Site closure application submitted, review pending		
58	Remedial action complete, final monitoring in progress		
50			
50	Final monitoring quarterly report received, review pend	iing	
58	Final monitoring schedule completed, review pending		

720 BRAZOS ST

TWC Leaking Petroleum Storage Tank Detail Report - Zip Code(s) Data extracted from TWC: 6/18/93

Contact Phone Priority County Facility Name City Zip Status LPST ID # Facility ID # Facility Location Street Address OGDEN ROY 7/19/1989 TEACHER RETIREMENT SYSTEM (512) 370-0523 2A 227 AUSTIN 78701 6A 93412 11TH ST (@ RED RIVER) 11TH ST AT&T OSBORNE JAMES (214) 308-2168 6 227 9/15/1992 AT&T FACILITY AUSTIN 78701 1A 104852 0063615 705 E 12TH ST 705 E 12TH ST TEXAS COMMERCE BANK HUMPHREYS CHARLES (512) 479-2672 5 227 10/09/1992 BILL'S ACC BOOKSTORE AUSTIN 104949 0060134 801 W 12TH 801 WEST 12TH STREET AUSTIN CITY OF SCHNEIDER NATHAN (512) 499-7218 2A 227 1/22/1990 FORMER SETH ENGINE PARTS FACILITY AUSTIN 78701 94728 617 E 3RO ST E 3RD ST FINLEY CO FINLEY TIM (512) 478-0885 2A 227 6/01/1990 AUSTIN 78701 96081 0053521 509 € 5TH ST E 5TH ST FDIC C/O AMRESCO MGMT INC OGLESBY WOODY (512) 508-4748 2A 227 5/29/1991 NCNB-TEXAS AUSTIN 78701 99343 201 E 5TH ST E 5TH ST AUSTIN DOG & CAT HOSPITAL STRIED RON (512) 280-3245 4A 227 AUSTIN DOG & CAT HOSPITAL **AUSTIN** 78701 102270 506 E 5TH ST 506 E 5TH ST DANFORTH INVESTMENTS RDANFORTH DOUG (512) 473-4343 4A 227 3/04/1991 COTHRON'S TEXACO SERVICE AUSTIN 78701 6A 98124 0025280 701 W 6TH ST CORNER OF W 6TH AND RIO GRANDE FDIC C/O AMRESCO MGMT INC OGLESBY WOODY (214) 508-4748 2A 227 5/29/1991 NCNB-TEXAS AUSTIN 78701 2B 99342 219 E 6TH ST E 6TH ST (000) 000-0000 2A UNKNOWN 227 6/03/1991 VACANT BUILDING AUSTIN 78701 99450 2A 701 E 6TH ST E 6TH ST THE JUNIOR LEAGUE OF AUSTIN ATHERTON ELIZABETH (512) 467-8982 6 227 3/16/1992 JUNIOR LEAGUE PARKING LOT AUSTIN 78701 102489 6A 61143 522 EAST 6TH STREET 522 E 6TH ST MOBIL OIL CORP NOE DAVID (818) 953-2519 2A 227 10/16/1984 AUSTIN 78701 **HOBIL STATION** 6A 91022 E 7TH ST E 7TH ST (@ IH-35) MORRISON CHARLES BROOKS PERRY JOINT VENTURE (') 4A 227 12/30/1991 BROOKS PERRY PARKING GARAGE AUSTIN 78701 18 101630

BRAZOS ST @ EAST 7TH ST

Page No. 2

TWC Leaking Petroleum Storage Tank Detail Report - Zip Code(s) Data extracted from TWC: 6/18/93

******	*******	*******	****	******	*******
PRP Name	Contact	Phone	Priority	County	Date
Facility Name	City		-	LPST ID #	
Street Address	0.13	Facility Locati		2,31 10 2	Tablificy to s
うじ (CC) ハロロ (CS) ・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	******	-		******	******
SOUTHWESTERN BELL	WESTERBURG JONELL	(512) 837-5055	5	227	9/11/1992
GREENWOOD C O	AUSTIN	78701	5A	105043	0019352
909 COLORADO ST		909 COLORADO ST			
		000 0000.000 01			
RTC C/O LATHROP & NORQUIST	HONEGGER SUE	(816) 842-0820	4A	227	4/23/1992
RESOLUTION TRUST CORPORATION	AUSTIN	78701	18	103123	
200 N CONGRESS		200 NORTH CONGR	ESS		
EXXON COMPANY USA	VILLASENOR ERNIE	(713) 656-7701	2C	227	11/21/1989
EXXON STATION #6-7897	AUSTIN	78701	5A	94253	0026131
1104 EAST AVE		1104 EAST AVENU	ΙE		
TRIPLE S PETROLEUM	SMITH FORD JR	(512) 385-2020	4A	227	7/03/1990
	AUSTIN	78701	6A	96329	0034918
900 EAST AVE		EAST AVE			
CHEVRON USA INC	ALLEN AARON	(713) 754-3000	2A	227	6/12/1992
CHEVRON #107143	AUSTIN	78701	1A	105305	0028644
30 IH 45		30 IH 45			
AUSTIL & AUSDEW 18	6 AUG057 CHITH 10	(5:0) (30.0055	•		
SMITH C AUBREY JR	C. AUBREY SMITH, JR.	(512) 472-8355		227	4/30/1990
OLO LAVACA	AUSTIN	78701	58	95340	
910 LAVACA	•	LAVACA			
HEY DISTRIBUTING CORP	HEY BRAD	(512) 926-4132	2Δ	227	1/30/1991
JIM'S CONOCO	AUSTIN	78701	6A	97790	0046616
1308 LAVACA ST		LAVACA ST (@ 14		3.750	0040015
			,		
FDIC	ROBERTSON VIRGINIA	(214) 701-7249	4A	227	7/20/1992
N D PHARMACY	AUSTIN	78701	18	103931	0063341
1701 LAVACA		1701 LAVACA			
SOUTHLAND CORPORATION	HILLIARD KEN	(214) 841-6592	2A	227	3/15/1988
REDDY ICE/OAK FARMS	AUSTIN	78701	28	91874	0046016
910 RED RIVER		RED RIVER			
•					
UNIVERSITY OF TEXAS	HIKE ABERNATHY	(512) 471-5050	2A	227	9/29/1989
	AUSTIN	78701	6A	93871	0031210
213 RED RIVER		RED RIVER @ 2ND	ST		
	1	(510) 400 0777			
AUSTIN CITY OF	L ARREDONDO	(512) 499-2737		227	7/08/1987
CITY OF AUSTIN SERVICE CENTER #2	AUSTIN	78701 ;RIVER ST	6A	91466	0018143
600 RIVER ST		KIVEK SI			
UNKNOWN		.(000) 000-0000	24	227	2/22/1988
URANUWA	AUSTIN	78701	1A	91755	2/22/1300
18TH SAN ANTONIO	7744 1 4 11	AND SAN ANTONIO		31133	
TOTAL SAM MITORITY		om Amonto			
SP&GSC	LIMBRICK KEN	(512) 463-3551	2A	227	11/28/1990 .
STATE SERVICE STATION	AUSTIN	78701	1A	97342	0048285
1502 SAN JACINTO		SAN JACINTO		3. . .	
Tage and augmin					

TWC Leaking Petroleum Storage Tank Detail Report - Zip Code(s) Data extracted from TWC: 6/18/93

*********	**********	*******	*****	******	******
PRP Name	Contact	Phone	Priority	County	Date
Facility Name	City	Zip	Status	LPST ID #	Facility ID #
Street Address		Facility Locat			
AUSTIN CITY OF 755'S		(512) 499-8331		227	8/22/1990
ENERGY MANAGEMENT CENTER	AUSTIN	78701	5A	96554	0, 22, 1330
301 VEST AVE		WEST AVE			

SITE REPORTS

from the

TWC Tank Details Databases

Comments: UST record search for ID #(s) 0044471.

TWC Contact Number - (512) 908-2154

Key to Printout Codes:

UNDERGROUND STORAGE TANK FILE

4 unknown/none

Status = Status of tanks	Subst ≈ Substance stored
1 Currently in use	1 empty
2 Temporarily out of service	2 Gasoline
3 Permanently abandoned in-place	3 diesel
4 Permanently removed from the ground	4 kerosene
Constr = Type of UST construction and containment	5 used oil
1 Single wall	6 new oil
2 Double wall	7 other petroleum product
3 External jacket system	8a hazardous substance - principal CERCLA substance
4 Excavation/trench liner system	8b hazardous substance - chemical abstract service
5a Piping system - pressurized	8c hazardous substance - mixture
5b Piping system - suction	9 mixture of petroleum and hazardous substance
5c Piping system - gravity	10 other
6 Other	Corrosion = Type of corrosion protection
Mat. = Tank construction material	A external coatings - painted
1 steel	8 external coatings - dielectric
2 fiberglass-reinforced plastic (FRP)	C external coatings - fiberglass-reinforced plastic
<pre>3 composite (steel w/FRP plastic)</pre>	D external coatings - taped/wrapped piping
4 Concrete	2 internally lined tank
5 Other	3 cathodic protection system
Detect = Tank release detection.	4 composite tank
1 vapor monitoring	5 noncorrodible material construction
2 groundwater monitoring	6 electrical insulation
3 monitoring above excavation liner	7 unknown/none
4 automatic in-tank monitoring & inventory control	•
5 interstitial monitoring for double wall usts	ABOVEGROUND STORAGE TANK FILE .
6 tightness testing	
7 inventory control	Status
8 unknown/none	1 in use (includes tanks that are inact.but contain product)
9 line leak detectors	2 out of use (inactive and do not contain product)
10 other	Subst = Substance stored in tank.
P. Detect = Pipe release detection	1 gasoline
Same as above codes.	2 alcohol blended fuels
Spill = Spill and overflow prevention	3 aviation gasoline
A automatic overfill device - shut-off valv	4 kerosene
B automatice overfill device - flow restrictor valve	e 5 diesel
C automatice overfill device - high level alarm	6 distillate
1 tight-fill fitting	7 empty
2 spill container/liquid-tight sump	8 other

07/28/93

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TWC Underground Storage Tank Details Listing Report - ID #(s)

Data extracted from TWC: 1/12/93

Facility ID#	UST ID#	Install	Status	Capacity	Constr.	Mat.	Detect	P. Detect	Subst.	Subst.	Spill	Corrosion	

0044471	8	1962	4	0000000500			8	8	5		4	7	

Page No. 1

TWC Leaking Petroleum Storage Tank Detail Report - Zip Code(s) Data extracted from TWC: 6/18/93

Contact Phone Priority County Date LPST ID # Facility Name City Zip Status Facility ID # Facility Location Street Address RTC CONTRACTS MOORE ROBERT (214) 443-4877 6 227 12/07/1992 WINDSOR SAVINGS AUSTIN 6A 105528 1601 W 35TH ST 1601 WEST 35TH STREET COMERICA INC KILPATRICK STEVE (313) 222-6285 4A 227 8/12/1991 AUSTIN TOYOTA AUSTIN 78703 6A 99907 0044471 805 W 5TH ST W 5TH ST (512) 478-5341 4A G & S TYPESETTERS INC. 227 12/07/1986 1125'W AUSTIN 78703 6A 91181 410 BAYLOR BAYLOR SAFEWAY RENTAL TERRY NORRIS (512) 476-7301 4A 227 4/03/1990 SAFEWAY RENTAL EQUIP CO., INC. **AUSTIN** 78703 6A 95362 0042881 311 BOWIE BOWLE STAR ENTERPRISE BECKNER JOHN (214) 650-0200 6 227 7/03/1991 **TEXACO** AUSTIN 78703 100932 0023182 2400 EXPOSITION BLVD EXPOSITION BLVD **EXXON CO USA** GAGNON KRIS (713) 656-7743 4A 227 7/31/1987 AUSTIN **EXXON STATION** 78703 91419 2402 LAKE AUSTIN BLVD LAKE AUSTIN BLVD THE UNIVERSITY OF TEXAS PRICKETT ALAN (512) 499-4341 4A 227 4/02/1992 BOAT TOWN AUSTIN 78703 6A 102494 36735 3826 LAKE AUSTIN BLVD 3826 LAKE AUSTIN BOULEVARD CAPITOL CHEVROLET INC 625'W (512) 000-0000 4A WILLIAMS SKIP 227 1/15/1990 78703 CAPITOL CHEVROLET INC AUSTIN 95067 0025102 501 N LAMAR BLVD N LAMAR BLVD SOUTHLAND CORPORATION HILLIARD KEN (214) 841-6592 2A 227 8/22/1991 1750' N 7-ELEVEN STORE #21884 AUSTIN 78703 103888 7174 917 N LAMAR 917 NORTH LAMAR WILLIAMS EDWIN CALONETTA ANTHONY MRS (512) 476-9900 4A 227 3/23/1989 AUSTIN 78703 6A 92858 W LYNN AVE 1100 W LYNN AVE

LPST SITE REPORTS

from the

TWC Leaking Petroleum Storage Tank Database Comments: LPST record search for sites w/out Zips in County Code 227.

TWC Contact Number - (512) 371-6200

LPST Database Description:

The TWC Leaking Petroleum Storage Tank (LPST) database serves to track the location and cleanup of leaking petroleum storage tanks in Texas.

Key to Printout Codes:

Final concurrence issued, case closed
 Referred to TWC H&SW division
 Referred to another regulatory agency

to Prin	tout codes:		
tatus:	Code indicates status of remediation process.	Priorit	y: Code indicates type and severity of impact.
1A	Incident reported, initial directives not yet issued	1A	Impact/Threat to Human Health and/or safety
18	Initial directives issued awaiting initial response	18	Drinking water aquifer impacted or threatened
1C	Initial response overdue	10	Major impact to surface water supply
10	Initial response received, referred to state lead	10	Group 1 groundwater, plume has/likely to migrate
2A	Phase 2 in progress	1E	Group 2 groundwater, plume off-site, w/in .5mi rad.
28	Phase 2 report received, review pending	1F	Group 3 groundwater, plume off-site, w/in .5mi rad.
2C	Phase 2 report received with RAP, review pending	2A	Groundwater other than 1B, site charact. incomplete
20	Phase 2 report inadequate and returned	28	Surface water impact threatens public health, etc.
2E	Phase 2 report received, referred to state lead	2C	Group 1 groundwater, off-site migration unlikely
2F	Phase 2 report overdue	20	Group 2 groundwater, plume off-site, no wells in
3A	Phase 3 in progress		.5mi. radius
38	Phase 3 in progress & quarterly monitoring in progress	s 2E	Group 3 groundwater, off-site migration likely
3C	Phase 3 report received, add'l assess.	2F	Group 3 groundwater, off-site migration unlikely
30	Phase 3 report received, review pending	3	Group 3 groundwater, no wells w/in .5mi radius
3E	Phase 3 report inadequate and returned	44	Soil Contamination only, requires full site assess
3F	Phase 3 report received, referred to state lead	48	Minor surface water impact
3G	Phase 3 report overdue	4C	Minor release to ground surface
3H	Quarterly monitoring report overdue	5	Minor soil contamination - does not require a rap
31	Remedial action plan (RAP) approved	6	Minor soil contamination - no remedial action required
3 J	RAP rec'd, review pending		·
3K	RAP overdue		
4A	Remedial action in progress		
48	Quarterly monitoring report overdue		
4C	Quarterly monitoring report received, review pending		
5A	Site closure application submitted, review pending		
58	Remedial action complete, final monitoring in progress	S	
5C	Final monitoring quarterly report overdue		
50	Final monitoring quarterly report received, review per	nding	
5E	Final monitoring schedule completed, review pending	-	

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TWC Leaking Petroleum Storage Tank Detail Report - County Code (No Zips) Data extracted from TWC: 6/18/93

********	Data extracted	d from TWC: 6/18/93	*****	******	******	***
PRP Name	Contact	Phone	Priority	County	Date	
Facility Name	City	Zip	Status	LPST ID #	Facility ID #	
Street Address	•	Facility Locati	on		•	
************	******	********	******	*****	*******	**
UNKNOWN		(000) 000-0000	4A	227	4/15/1988	
	AUSTIN		28	91818		
•						
AMRESCO MANAGEMENT INC	PRATT TERRI	(214) 508-5362	6	227	12/30/1992	
OLD SPAGHETTI WAREHOUSE (29 WAT)	AUSTIN	.=	6A	105655	0057898	
4TH ST		4TH & COLORADO	STREETS			
SERVION INC	INBLES BILL	(214) 330-6974	24	227	4/15/1989	
SERVIOR INC	AUSTIN	(214) 550-6574	31	92769	4/13/1303	
51ST ST	NO01111	51ST ST (@ ROBE				
				,		
UNKNOWN		(000) 000-0000	ZA	227		
	AUSTIN		1A	91563	•••	
6TH	•	BETWEEN 6TH & 71	TH STREETS	IN WALLER CREE	EK	
TXDOT	SPRINGFIELD MIKE	(512) 483-3756		227	3/16/1992	
TXDOT PARCEL #33	AUSTIN		18	103738	57549	
843 ANDERSON LN	·	843 ANDERSON LAI	ΥE			
SW BELL TELEPHONE COMPANY	WESTERBERG JONELL	(210) 841-0804	5	227	10/22/1991	
SW BELL BEE CREEK	AUSTIN	(210) 041-0004	6A	100612	0019350	
BEE CREEK RD	NOOT IN	BEE CREEK RD	UN.	100012	0013330	
oce oncer no						
CAPITOL AGGREGATES	BENNER ALTON	(512) 385-3211	4A	227	7/24/1992	
CAPITOL AGGREGATES	AUSTIN		18	103970	0054151	
1001 BOLM RD		1001 BOLM RD				
CIRCLE K CORP	YOUNGER KEN	(713) 690-6111	10	227	2/02/1987	
	OAK HILL		4A	91218		
HWY 290		CIRCLE K ON HWY	290 (1 MIL	E PAST Y)		
WEBB TOMMY	WEBB TOMMY	(512) 467-0708	e	227	1/07/1007	
NORMAN'S AUTOMOTIVE	AUSTIN	(312) 407-0708	5 1A	106012	1/07/1993 0046579	
3421 N HWY 35	V0211U	3421 NORTH IH-35		100012	0040373	
3721 H FIRT 33		5421 1101(111 111 55	•			
WALKER TIRE COMPANY	WALKER DAVID	(512) 454-8772	6	227	2/12/1993	
WALKER TIRE COMPANY	AUSTIN		1A	106144		
814 N HWY 35		814 NORTH HWY 35	i			
COMMERCE SAVINGS	MCDANIEL CHRIS	(512) 271-8027	4A	227	2/17/1989	
	AUSTIN		6A	92956	0040435	
6500 IH 35		IH 35				
	5000 T 0	(512) 025 2451		007	10/07/1000	
STAR ENTERPRISE	FORD T R	(512) 926-2451		227	10/27/1992	
TEXACO #308 STAR ENTERPRISE	AUSTIN	4036 IH 35	1A	105181	~0034925	
4036 IH 35		EC III DEUF			-	
NATIONAL CONVENIENCE STORES	CALVERT WILLIAM	(713) 863-2200	4A	227	2/04/1987	
STOP-N-GO STORE #915	AUSTIN	* -	6A	91221	_, -,	
102 POWELL LN		POWELL LN	•			

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TWC Leaking Petroleum Storage Tank Detail Report - County Code (No Zips) Data extracted from TWC: 6/18/93

**********	****	*****	*****	*******	*********		
PRP Name	Contact	Phone	Priority	County	Date		
Facility Name	City	Zip	Status	LPST ID #	Facility ID #		
Street Address		Facility Locati					
WARD FOREST	WARD FOREST	() -	6	227	6/04/1992		
CLOSED FACILITY	AUSTIN	•	6A	103362	60182		
RR 620		RR 620 AT FM 2769					
CARVELL MARY JANE	CARVELL MARY JANE	(713) 869-5848	5 .	227	12/31/1992		
NATIONAL PROJECTS INC	AUSTIN		5A	105683	0063791		
9511 N RR 620		9511 RR 620 NOR	TH				
DIAMOND SHAROCK	MOHSENI HASSAN	(210) 641-6800	4A	227	10/30/1992		
DIAMOND SHAMROCK #537	ROUND ROCK		18	105610	0044050		
209 TAYLOR HWY		209 TAYLOR HWY					
NCNB NATIONAL BANK	WAREING STEVE	(512) 397-3124	.4A	227	5/22/1991		
VACANT BUILDING/NCNB	AUSTIN		6A	99146			
505 YAGER LN		YAGER LN (WEST	SIDE IH 35)				

SPILL SITE REPORTS

from the

TWC Spill Response Database Comments: Spill Response record search for Zip Code(s) 78701 78703

TWC Contact Number - (512) 463-7785

SPILL Database Description:

The TWC SPILL database serves to track all reported spills to the TWC Texas Emergency Response Center of a harmful quantity of oil and hazardous substances or other substances or a release or threatened release.

Key to Printout Codes:

Clean: General determination of the status and adequacy of cleanup.

YES Site is adequately cleaned.

NO Site has not been adequately cleaned.

NONE No cleanup done.

PRP Letter requested from PRP stating cleanup process.

Spill: General category of spill type and severity.

1 011, major

2 Oil, medium

3 Oil, minor

4 Hazardous material, major

5 Hazardous material, minor

6 Other pollutant

7 SARA Title III

TWC Spill Response Data Detail Report - Zip Code(s) Data extracted from TWC: 1/11/93

######################################	***********	******	******
Responsible Party Site Location (for "ABOVE LOCATION" see Address column)		Material Spilled City	St ZIP LocZip
CENTRAL TEXAS CHEMICAL CO. FACILITY AT ABOVE LOCATION AND CITY OF AUSTIN LANDFILL	8808040031 UNKNOWN 2411 EAST 1st STREET	HYDROCHLORIC ACID	005 YES 227 TX 78701 78701
CITY OF AUSTIN SEAHOLM POWER PLANT @ 1st & WEST AVENUE, AUSTIN	8807080011 UNKNOWN	PCB OIL/CAPACITORS	004 NO 227
	PO 80X 1088	AUSTIN	TX 78767 78701
CITY OF AUSTIN CONGRESS AVE. & S. FIRST STREET BRIDGE, AUSTIN	8907160011 UNKNOWN UNKNOWN	NONTOXIC GREEN DYE AUSTIN	006 NONE 227 TX 787?? 78701
CITY OF AUSTIN SHOAL CREEK ADJACENT TO TOM GREEN WATER TREATMENT PANT	9003160051 30 GAL PO BOX 1088	FERROUS SULFATE	006 YES 227 TX 78767 78701
CITY OF AUSTIN HIKE & BIKE TRAIL NEAR TOM GREEN WATER PLANT PARALLEL TO 1ST	9007160151 UNKNOWN	LIME	006 YES 227
	UNKNOWN	AUSTIN	TX 78703 78701
FIRST CITY BANK	8204200011 25 GALLONS	LIGHT DIESEL OIL	001 ??? 227
AUSTIN-CONGRESS AVE AND 9TH ST, N OF TOWN LAKE	PO BOX 1727	AUSTIN	TX 78767 78701
H & H MATERIALS	8808050071 UNKNOWN	VINYL-BASED PAINT	003 'YES 227
UNDER IH-35 BRIDGE AT COLORADO RIVER, AUSTIN	601 CLAY STREET	KERRVILLE	TX ????? 78701
SIGMOR SERVICE STATION #403 SITE AT ABOVE ADDRESS ADJACENT TO COLORADO RIVER, AUSTIN	7303130021 100 GAL	GASOLINE	003 YES 227
	511 EAST 1st STREET	AUSTIN	TX 78701 78701
UNKNOWN 100 NORTH CONGRESS, AUSTIN	8411060011 60 G	LIGHT DIESEL OIL	1 227 ????? 78701
UNKNOWN SERVICE STATION ***SEE ABOVE ADDRESS***	8608060011 15 GAL	GASOLINE	003 YES 227
	19TH & SAN ANTONIO	AUSTIN	TX 78701 78701

TWC Spill Response Data Detail Report - Zip Code(s) Data extracted from TWC: 1/11/93

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Responsible Party Site Location (for "ABOVE LOCATION" see Address column)	Spill ID# Amount Spilled Mail Address	Material Spilled City	•	ll Clean ZIP Lo	-
CITY OF AUSTIN (3cob' S	8306080011 UNKNOWN	PCB OIL	005		
800 BLOCK OF WEST 1ST STREET, SEAHOLM POWER PLANT	UNKNOWN	AUSTIN	TX	78701 7	78703
CITY OF AUSTIN	8901120021 5 GAL	PCB OIL - 100 PPM	005	YES	227
CAMP MABRY, JUST OFF 35TH & MOPAC IN AUSTIN	P O BOX 1088	AUSTIN -	TX	78767 7	78703
CITY OF AUSTIN	8909130041 2 GAL	TRANSFORMER OIL	003	YES	227
2506 W. 35TH AT CAMP MABRY, AUSTIN	PO BOX 1088	AUSTIN	TX	78767 7	78703
CITY OF AUSTIN ELECTRIC DEPT. 1300'S	8707240041 200 GAL	SULFURIC ACID SLUDG	E 005	МО	227
SEAHOLM POWER PLANT @ 800 W. 1st STREET, AUSTIN	PO BOX 1088	AUSTIN	TX	78767 7	78703
DIAMOND SHAMROCK	8512130091 900 GAL	GASOLINE	003	YES	227
2020 7TH STREET, AUSTIN	PO BOX 20267	SAN ANTONIO	TX	78220 7	8703
EXXON COMPANY USA	8707310011 UNKNOWN	GASOLINE	003	МО	227
2402 LAKE AUSTIN BLVD., AUSTIN	PO BOX 4415	HOUSTON	TX	77210 7	8703
G&S TYPESETTERS, INC.	8612070011 UNKNOWN	GASOLINE	002	YES	227
SITE AT ABOVE ADDRESS	410 BAYLOR	AUSTIN	TX	78703 7	8703
GOODWILL INDUSTRIES	8802260061 55 GAL	TRICHLOROETHANE	005	но	227
PARKING LOT @ FACILITY AT ABOVE LOCATION	300 NORTH LAMAR	AUSTIN	ΤX	78704 7	8703

SPILL SITE REPORTS

from the

TWC Spill Response Database

Comments: Spill Response record search for sites w/out Zips in County Code 227.

TWC Contact Number - (512) 463-7785

SPILL Database Description:

The TWC SPILL database serves to track all reported spills to the TWC

Texas Emergency Response Center of a harmful quantity of oil and hazardous substances or other substances or a release or threatened release.

Key to Printout Codes:

Clean: General determination of the status and adequacy of cleanup.

YES Site is adequately cleaned.

NO Site has not been adequately cleaned.

NONE No cleanup done.

PRP Letter requested from PRP stating cleanup process.

Spill: General category of spill type and severity.

1 Oil, major

2 011, medium

3 011, minor

- 4 Hazardous material, major
- 5 Hazardous material, minor
- 6 Other pollutant
- 7 SARA Title III

TWC Spill Response Data Detail Report - County Code (No Zips) Data extracted from TWC: 1/11/93

Material Spilled Spill ID# Amount Spilled Spill Clean Cty Responsible Party Site Location (for "ABOVE LOCATION" see Address column) Mail Address City St ZIP LocZip NATURAL SUBSTANCE 2 ACT OF GOD RAIN 8410270011 227 PEDERNALES RIVER ARM OF LAKE TRAVIS ????? ADVANCED MICRO DEVICES 9104170011 15 GAL WASTE SOLVENT 005 NONE 227 5204 E. BEN WHITE, AUSTIN, TX. 5204 E. BEN WHITE AUSTIN TX 00000 9108150011 700 GAL ADVANCED HICRO DEVICES FLUORIDE/W WASTE 005 YES 227 5204 E. BEN WHITE AUSTIN TX 78741 @ FACILITY AT ABOVE LOCATION "ADVANCED MICRO DEVICES 9110010011 15 GAL FLUORIDE WASTE 005 YES 227 NEXT TO 8000 GALLON STORAGE TANK AT BLDG 2 @ FACILITY AT ABOV 5204 E. BEN WHITE BLVD AUSITN TX 78741 ADVANCED TANK CONSTRUCTION 8802190051 <5 GAL DIESEL/LUBE OIL 003 YES 227 COMANCHE TRAIL OFF RR 620 EAST OF LAKE TRAVIS PO BOX 7273 BEAUMONT TX 77706 AIRCRAFT POOLING BOARD 9006220011 600 GAL JET A FUEL WATER 003 YES 227 AIRCRAFT POOLING BOARD TANK FARM, AUSTIN 4900 OLD MANOR RD. AUSTIN TX 78723 7209280001 500 GAL ALLEN KELLER CO. EMULSIFIED ROAD OIL 002 YES 227 SECOND CROSSING ON BULL CREEK ROAD PO BOX 393 FREDERICKSBURG TX ????? APPLE PEST ELIMINATION. INC. 9006290031 15 GAL PESTICIDE RINSEWATER 005 YES 227 3607 GREYSTONE DR.SUITE 0911 AUSTIN 7TH AND CONGRESS. AUSTIN TX 78731 JET "A" FUEL ATLAS AIRCRAFT CORPORATION 8804150041 UNKNOWN 002 NO 227 FACILITY AT ROBERT MUELLER AIRPORT, AUSTIN 1801 EAST 51st STREET AUSTIN TX 78723 AUSTIN CIRCUITS INC 8406240011 DESCRIPTION NOT 1 227 AUSTIN 300 A INDUSTRIAL TX 78745 YES 8901030031 75 GAL AUSTIN COCA-COLA BOTTLING CO. DIESEL 003 227 ONE BLOCK EAST OF IH-35 ON WILLIAM CANNON DRIVE, AUSTIN P 0 BOX 9140 AUSTIN TX 78766 8611210011 UNKNOWN AUSTIN CONVENIENCE STORES GASOLINE 003 NO 227 2512 SOUTH IH-35, SUITE 210 2204 N. AIRPORT - CHISHOLM CORNER STORE #10. AUSTIN AUSTIN TX 78704 AUSTIN DIVERSIFIED CONT. 8512100041 UNKNOWN SURFACE OIL . 003 ?? 227 17TH & CONGRESS PARKING LOT, AUSTIN PO BOX 26213 AUSTIN TX 78755 8201010021 40 GALLONS OTHER MATERIAL AUSTIN-AMERICAN STATESMAN 2 227 1750'5€ SHOAL CREEK IN 300 BLOCK WEST PO BOX 670 AUSTIN 78767 9106240011 35 GAL DIESEL 003 BEHRENS INC. YES 227 HWY 183 SOUTH AND ONION CREEK AT ENTRANCE TO COUNTY EQUIPMENT 7500 MARS DR. VACO 76712 9004280031 UNKNOWN PESTICIDE/FERTILIZER 005 BERGSTROM AF8 NO 227 BERGSTROM AFB BERGSTROM AFB BASE EXCHANGE GARDEN SHOP AUSTIN TX ????? 9108140021 10 GAL BRIARCLIFF MARINA GASOLINE 005 . YES 227 RT 1, 80X 24C OFF HWY 71 ON LAKE TRAVIS SPICEWOOD TX 78669

CITY OF AUSTIN

CITY OF AUSTIN

1707 SPYGLASS, AUSTIN, TX.

PRIVATE LANDFILL NEAR DEL VALLE, TX.-NOT AUTHORIZED FOR PCB D PO BOX 1088

TWC Spill Response Data Detail Report - County Code (No Zips)

Data extracted from TWC: 1/11/93 Responsible Party Spill ID# Amount Spilled Material Spilled Spill Clean Cty Site Location (for "ABOVE LOCATION" see Address column) Mail Address City St ZIP LocZip BROWNING AERIAL SERVICE INC. 8505140011 400 GALLONS JP 4 003 YES 227 ROBERT MUELLER AIRPORT-AUSTIN MUNICIPAL AIRPORT AUSTIN TX NONE BURNUP AND SIMS OF TEXAS 9105160031 100 GAL HYDRAULIC FLUID 003 YES 227 LOOP 360 AT BRODIE OAKS, AUSTIN, TX. . 2716 E. 5TH AUSTIN TX 00000 9104020021 100 GAL C.ITOH BUILDING PRODUCT CO DIESEL FUEL 003 YES 227 4300 PINE TIMBER 128 HWY. 290 E., MANOR HOUSTON TX 77041 CAPITOL AGGREGATES 8511020061 <50 GAL ASPHALT 003 YES 227 BOLM ROAD & U.S. 183 IN AUSTIN BOLM ROAD AUSTIN TX ????? CAPITOL CITY OIL CO 8406050031 227 💌 LIGHT DIESEL OIL 4 PO BOX 6029 AUSTIN TX 78762 CENTRAL TEXAS REFUSE 8802130011 50 GAL HYDRAULIC OIL 003 YES 227 18th & GUADALUPE BEHIND ARBY'S ROAST BEEF, AUSTIN UNKNOWN AUSTIN TX ????? 8502110011 175 OTHER MATERIAL CHEMLAWN 227 1 NORTHWEST OF HWY 290 & HWY 71 P.O. BOX 9187 AUSTIN TX 78766 CHEHLAWN 9106070031 25 GAL DURSBAN 0.06% 003 YES LOOP 360 AT WEST BANK DR., AUSTIN, TX. PO 80X 203368 AUSTIN TX 78720 9104090021 50 GAL CHRISTIANSON COMPANY DIESEL 003 YES STREET @ FRONT OF 13902 CONNER DOWNS, AUSTIN ETJ PO BOX 9943 AUSTIN TX 78766 CIRCLE K CORPORATION 8702020051 UNKNOWN GASOLINE 002 NO 227 HWY 290 WEST 1 MI. PAST "Y", OAK HILL UNKNOWN PHOENIX A Z ? ???? 7305070011 10 GAL CITY OF AUSTIN GASOLINE 003 NONE 227 CITY OF AUSTIN POLICE STATION UNKNOWN AUSTIN TX 78711 CITY OF AUSTIN 8207270021 5 PCB 227 2 PO BOX 1088 AUSTIN TX 78767 CITY OF AUSTIN 8407030031 1000 LIGHT DIESEL OIL 3 227 PO BOX 1088 AUSTIN TX 78767 8704280021 4 GAL CITY OF AUSTIN MINERAL OIL 003 YES SUBSTATION AT IBM NEAR BRAKER LANE, AUSTIN PO BOX 1088 AUSTIN TX 78711 9008310021 20 BBL PCB OIL - 9 PPM CITY OF AUSTIN 003 YES 227 KRAMER LANE SERVICE CENTER, AUSTIN PO BOX 1088 AUSTIN 78767 TX

9102080011 125 YD3

9104260021 0.5 GAL

PO BOX 1088

PCB CONTAMIN.-10 PPM 005

AUSTIN

PCB OIL

AUSTIN

NONE 227

227

00000

YES

TX 78767

TX

005

TWC Spill Response Data Detail Report - County Code (No Zips) Data extracted from TWC: 1/11/93

**************** Material Spilled Spill ID# Amount Spilled Spill Clean Cty Responsible Party Site Location (for "ABOVE LOCATION" see Address column) Mail Address City St ZIP LocZip *********** 9105060011 2 GAL PCB CONTAMINATED OIL 005 YES 227 CITY OF AUSTIN RM 620 AT LAKE TRAVIS SCHOOLS PO BOX 1088 TX 78767 AUSTIN CITY OF AUSTIN 9106030041 2 GAL PCB OIL 005 YES 227 13500 KOLLMEYER, AUSTIN, TX. PO BOX 1088 AUSTIN TX - 78767 9107070031 5000 GAL WATER TREATMENT HUD 006 CITY OF AUSTIN YES 227 ULLRICH WATER TREATMENT PLANT IN WESTLAKE 124 WEST 8TH STREET AUSTIN TX 78701 CITY OF AUSTIN 9107290041 0.5 GAL PCB OIL 005 YES 227 9925 CHUCKER BEND, AUSTIN PO BOX 1088 AUSTIN TX 78767 CITY OF AUSTIN 9108020021 0.25 GAL PCB OIL 005 YES 227 1709 BAUERLE, AUSTIN PO BOX 1088 AUSTIN TX 78767 CITY OF AUSTIN 9109020031 26 GAL TRANSFORMER OIL 003 YES 227 PO BOX 1088 3301 SOUTH PLEASANT VALLEY, AUSTIN, TX. AUSTIN TX 78701 CITY OF AUSTIN 9109060011 15 GAL TRANSFORMER OIL 003 YES 227 9307 KNOLLCREST LOOP, AUSTIN, TX. PO BOX 1088 AUSTIN TX 78767 CITY OF AUSTIN ELECTRIC 9106070041 1.5 GAL PCB OIL 005 YES 227 7312 SHADYWOOD, AUSTIN 721 BARTON SPRING AUSTIN TX 78704 CITY OF AUSTIN ELECTRIC 9106120031 20 GAL PCB OIL 005 YES 227 ST. ELMO SERVICE CNETER, ST. ELMO RD., AUSTIN, TX. 721 BARTON SPRING RD. AUSTIN TX 78704 CITY OF AUSTIN ELECTRIC 9106150031 <1 GAL TRANSFORMER OIL 006 YES 227 1621 FESTIVAL BEACH, AUSTIN, TX. 721 BARTON SPRINGS RD. AUSTIN TX 78704 CITY OF AUSTIN ELECTRIC 9108290011 40 GAL PCB OIL 003 YES 7407 BARCELONA, AUSTIN, TX, PO BOX 1088 AUSTIN TX 78767 CITY OF AUSTIN ELECTRIC UTIL 9106010021 5 GAL PCB OIL 005 YES 227 701 YAUPON VALLEY, AUSTIN, TX. 721 BARTON SPRING AUSTIN TX 78704 8504060011 8600 GALLONS COASTAL TRANSPORT CO. INC. GASOLINE 003 YES 227 FM 1431 AT BLOODY HOLLOW CREEK BETWEEN JONESTOWN & CEDAR PARK 1603 ACKERMAN ROAD SAN ANTONIO TX 78219 COMMUNITY OF BRIARCLIFF 9007280061 UNKNOWN DRILLING MUD 006 NO 227 COMMUNITY OF BRIARCLIFF UNKNOWN BRIARCLIFF TX ????? DUINICK BROS., INC. 9007200151 5000 GAL DIESEL FUEL 002 YES PARMER LANE AND RATTAN CREEK NORTHWEST OF AUSTIN PO BOX 1119 GRAPEVINE TX 76057 GAVLON INDUSTRIES, INC. 8408230031 MISCELLANEOUS 3 227 9808 SOUTH IH 35 AUSTIN TX 78745 9107290071 5 GAL PHOTO RESIST 005 NONE 227 GIBRALTAR RESOURCES IH 35 BETWEEN WACO AND AUSTIN PO BOX 248 WINONO TX 78792

TVC Spill Response Data Deta Data extracted

ode (No Zips)

:y	Spill I Amount Spilled	enemananenemananene haling leiraten			
for "ABOVE LOCATION" see Address column)	Mail Address	City	\$t	ZIP L	
***********************				*****	****
GUGUET DE AUSTIU TV	9105080061 100 GAL	DIESEL	003		227
, BURNET RD., AUSTIN, TX.	11400 BURNET RD.	ASUTIN	IX	78758	
	9105310051 100 GAL	COOLING TOWER WATER	006	NONE	227
AT 11400 BURNET RD, AUSTIN	11400 BURNET RD .	AUSTIN	TX	78759	
	9106030081 5 GAL	LEAD RINSEWATER	005	YES	227
AT ABOVE LOCATION	11400 BURNET RD	AUSTIN	TX	78759	
	9110010021 13000 GAL	FIRE FOAM	006	YES	227
@ FACILITY AT ABOVE LOCATION	11400 BURNET RD.	AUSTIN	TX	78758	
ONAL BUSINESS MACHINE	9107260091 11 LBS	CUPRIC CHLORIDE	005	YES	227
:VICE ROAD AND BURNET ROAD, GATE #8 OF IBM SITE, AUST	11400 BURNET ROAD	AUSTIN	TX	78758	
AMS CONSTRUCTION	9107310041 <5 GAL	HYDRAULIC FLUID	003	NONE	227
TREET BRIDGE CONSTRUCTION SITE OVER TOWN LAKE, AUSTIN	PO BOX 180165	AUSTIN	TX	78718	
i HCVADE	9105250021 15 GAL	GASOLINE	003	YES	227
UNBARTON DRIVE, AUSTIN	6816 DUNBARTON DR	AUSTIN	TX	78723	
RN HOORE	8906300011 100 GAL	ROAD OIL	003	YES	227
AY PARKING LOT NEAR LAKE TRAVIS, LAKEWAY	7330 SAN PEDRO, STE. 600	SAN ANTONIO	ΤX	78216	
, VISTA MARINA	8604050021 30 GAL	GASOLINE	003	7???	227
) VISTA MARINA ON LAKE TRAVIS	UNKNOVN	LAGO VISTA	TX	?????	
CEWAY MARINA	9101080021 <5 GAL	GASOLINE	005	YES	227
KEWAY MARINA, LAKEWAY	UNKNOWN .	LAKEVAY	TX	?????	
AMBERTH OIL COMPANY	8206300031 7890 6	GASOLINE (AVIATION O	3		227
USTIN- INTERSECTION OF HWY 71 HWY 183	402 S. SIXTH STREET			76503	
OCKHEED HISSILES & SPACE CO.	8605150011 350 GAL	OIL EMULSION ASPHALT	006	YES	227
OCKHEED PLANT IN AUSTIN	PO 80X 17100	AUSTIN	TX	78760	
OVER COLORADO RIVER AUTH.	8910070051 UNKNOWN	OIL	003	NO	227
24 NEILSON OR., BRIARCLIFF	UNKNOWN	UNKHOWN	??	?????	
OWER COLORADO RIVER AUTHORITY	8712250031 300 GAL	TRANSFORMER OIL	003	YES	227
OWER STATION 2 MI. E OF MANOR ON HWY 290	UNKNOWN	AUSTIN	TX	?????	
IEDICAL PARK TOWER	9106180031 5 GAL	CHLORINE	005	YES	227
ARKING GARAGE AND SUPPLY AREA- 1301 W 38TH ST., AUSTIN, TX.	1301 W 38TH ST.	AUSTIN	TX	00000	
IKE KIGHT -	9003150051 <1 GAL	PESTICIDES	005	NO	227
13 CHRISTOPHER, AUSTIN	813 CHRISTOPHER	AUSTIN	TX	7????	
ISSION PETROLEUM	8402120011 100 GAL	GASOLINE	003	777	227
STH & LAMAR BLVD., AUSTIN	UNKNOWN .	UNKNOWN	77	?????	

Page No. 6

TWC Spill Response Data Detail Report - County Code (No Zips) Data extracted from TWC: 1/11/93

	*******************	********	******	****	******	****
	Responsible Party Site Location (for "ABOVE LOCATION" see Address column)	Mail Address	ed Material Spilled City	St	ZIP Lo	ocZip
	STAR MART, TEXACO SS #140 8224 BURNET, AUSTIN	9104180091 670 GAL 8224 BURNET	GASOLINE AUSTIN		NO 00000	227
	STATE PURCHASING & GENERAL SVC 14TH STREET AND COLORADO, AUSTIN	9106170031 UNK GAL 1301 COLORADO ST	KEROSENE AUSITN	003 TX	YES 78701	227
	SUPERIOR DAIRIES WALLER CREEK @ 2nd ST. DOWNSTREAM 0.25 MI. TO TOWN LAKE, AUST	8808010061 10000 GAL 600 EAST FIRST STREET		005 TX	NONE 77901	227
	TEMTEX SOLVENTS IH-35 @ MILE MARKER 249.5 OFF NORTHBOUND RAMP, AUSTIN	8810110041 50 GAL PO BOX 3693	DIESEL FUEL TEMPLE	003 TX	YES 76505	227
• :	TEX DEPT MHMR AUSTIN ST SCHL . CORNER OF GLACIER AND BROOK	8307270011 40 G 2203 W 35TH	PCB Austin	2 TX	78703	227
	TEXACO ON RR620	9004150021 10 GAL RR 620	DIESEL AUSTIN	003 TX	NO ?????	227
	TEXAS INSTRUMENTS	8503130011 3 G PO 80X 2909	DESCRIPTION NOT AUSTIN		78769	227
	TEXAS CONSTRUCTION SERVICE IN 35 @ 1ST ST., AUSTIN	9001310031 16 YD3 2905 HOWARD LANE	FERROUS SULFATE AUSTIN	005 TX	YES 78728	227
	TEXAS HIGHWAY DEPARTMENT BLDG. 8, ROOM 105 AT CAMP HUBBARD, AUSTIN	8704010051 <1 GAL 37th & JACKSON	PCB OIL AUSTIN	005 TX	NO 787??	227
	TEXAS INSTRUMENTS TI TO MCNEIL TO HOWARD TO DESSAU TO CAMERON TO BOYCE ROADS	8703260031 2 LBS 12501 RESEARCH BLVD.	METAL PLATING SLUDGE AUSTIN		NO 78759	227
		9105120021 1500 GAL 12501 RESEARCH BLVD.		005 TX	YES 78769	227
	TEXAS NATIONAL GUARD ROBERT MUELLER AIRPORT, AUSTIN	8709100011 <25 GAL UNKNOWN		E00	YES ?????	227
	TEXAS PIPELINE CO 2 MILES NORTH OF INTERSECTION OF FM 969 & FM 3177	8402030011	GASOLINE (AVIATION O HEARNE		17???	227
	TEXAS PIPELINE COMPANY AUSTIN-1/2 MILE W OF MONTOPOLIS BRIDGE OVER COLORADO RIVER	8208230011 1310 8 P.O.BOX 833		1 TE	77859	227
		8903280011 2 GAL PO BOX 660268	• •		YES 75266	227
	TEXAS UTILITY MANAGEMENT CREEKS EDGE PKWY AND CLIFFS EDGE, BARTON CREEK WEST ON BEE CA	9109010021 UNKNOWN PO BOX 43066		006 TX	NO 78745	227
		8901240051 UNKNOWN P 0 BOX 4726			YES 78469	227

TWC Spill Response Data Detail Report - County Code (No Zips)

Data extracted from TWC: 1/11/93 Spill ID# Amount Spilled Material Spilled Spill Clean Cty Responsible Party Site Location (for "ABOVE LOCATION" see Address column) Mail Address City St ZIP LocZip 8707200011 UNKNOWN GASOLINE 003 NO 227 UNKNOWN INTERSECTION OF SPRINGDALE RD. & AIRPORT BLVD., AUSTIN UNKNOWN ????? ?? 8801180051 150 GAL WASTE SOLVENTS 005 YES 227 TINKNOUN OFF DEBBA LANE S OF FM 620 & W OF MANSFIELD DAM UNKNOWN UNKNOWN ????? ?? 8803040061 UNKNOWN MOTOR OIL 003 YES HWY 183 AT COTTONMOUTH CREEK, SOUTH AUSTIN UNKNOWN UNKNOWN 77 22277 8803170081 70 GAL DIESEL FUEL 003 YES 227 UNKNOWN IH-35n BETWEEN BRAKER & YAGER LANES NEAR CREEK BRIDGE UNKNOWN UNKNOWN ?? 77777 8804010011 40 GAL DIESEL FUEL 003 UNKNOWN YES 227 5500 BLOCK OF IH-35. AUSTIN UNKNOWN UNKNOWN ????? TX 8806270081 20 GAL UNKNOWN DIESEL FUEL 003 YES 227 N OF MANOR ROAD ALONG WEST ACCESS ROAD OF IH-35, AUSTIN UNKNOWN UNKNOWN ?? ????? 8809300041 5 GAL MOTOR OIL UNKNOWN 003 YES 227 TOWNLAKE @ WALLER CREEK, AUSTIN UNKNOWN UNKNOWN 77777 77 UNKNOWN 8810270011 UNKNOWN COOKING OIL 003 NO 227 UNKNOWN BULL CREEK & FM 2222. AUSTIN UNKNOWN ?? ????? 8812190011 2 GAL MOTOR OIL/WATER UNKNOWN 003 YES 227 NORTH OF SOUTHWEST PARKWAY, W OF TRAVIS COUNTRY SUBDIVISION E UNKNOWN UNKNOWN ?? ????? 8904180051 UNKNOWN UNKNOWN UNKNOUN 006 YES 227 LAKE TRAVIS NEAR COMMANDERS POINT MARINA UNKNOWN UNKNOWN ?? 7???? 8905310021 UNKNOWN WASTE SOLVENT 005 YES 227 PACE BEND PARK NEAR MUDD COVE ON LAKE TRAVIS UNKNOWN UNKNOWN TX 7???? 8910060131 UNKNOWN PHOTO LAB CHEMICALS 005 HINKNOWN YES 227 ABANDONED HKT RIGHT OF WAY NORTH OF INTERSECTION SPRINGDALE R UNKNOWN UNKNOWN ?? ????? 9002230031 UNKNOWN UNKNOWN UNKNOWN 006 NO 227 UNKNOWN STOP-N-GO @ SLAUGHTER & BRODIE, AUSTIN UNKNOWN ?? ????? UNKNOWN 9003010051 220 GAL PAINT SOLVENT 005 YES 227 GIBICH FARM, 3/4 MILE W CELE ON CELE RD. IN NE TRAVIS CO UNKNOWN UNKNOWN ?? ????? 9007230191 UNKNOWN SEWAGE 006 NO 227 UNKNOWN SW TRAVIS HUD #1 SHADY HOLLOW WWTP UNKNOWN UNKNOWN ?? ????? 9008280011 250 GAL BUTANE 005 NO 227 UNKNOWN UNKNOWN HWY 71 AND 620 OUTSIDE OF AUSTIN ?? ????? 9010130061 75 YD3 ASBESTOS WASTE 004 227 NO UNKNOWN HWY 183 AND BURNET ROAD, AUSTIN UNKNOWN UNK XX 00000

TWC Spill Response Data Detail Report - County Code (No Zips)

Data extracted from TWC: 1/11/93

Data extrac	cted from TWC: 1/11/93	*******	****	******	
Responsible Party Site Location (for "ABOVE LOCATION" see Address column)	Spill IO# Amount Spilled Mail Address	Material Spilled	Spil	l Clean ZIP Lo	Cty
UNKNOWN TRAVIS COUNTRY TREATMENT PLANT, AUSTIN	9011190131 UNKNOWN	TREATED EFFLUENT UNKNOWN	006 XX	NO 00000	227
UNKNOWN BRIARCLIFF MARINA	9012080071 UNK GAL UNKNOWN	RAW SEWAGE UNKNOWN	006 XX	NO 00000	227
UNKNOWN LAKE WALTER E LONG (DECKER LAKE), EAST OF AUSTIN	9103020041 UNKNOWN UNKNOWN	UNK PETROLEUM PRODUC UNKNOWN	XX	NONE 00000	227
RR 2244 W OF AUSTIN	9103110101 30 GAL UNKNOWN	WASTE OIL UNKNOWN	003 XX	YES 00000	227
UNKNOWN 3004 PERRY LANE, AUSTIN	9104040141 UNKNOWN UNKNOWN	NUKNOAN NUKNOAN	006 XX	, NONE 00000	227
UNKNOWN 8601 SWANSON LANE, AUSTIN	9104050061 >5 GAL 8601 SWANSON LANE	BUTANE CONDENSATE AUSTIN	005 TX	YES 00000	227
UNKNOWN GREGG MANOR AND CAMERON RD, AUSTIN	9104060071 5 GAL UNKNOWN	GASOLINE UNKNOWN	005 XX	NONE 00000	227
UNKNOWN BERGSTROM AIR FORCE BASE, CORNER OF PRESIDENTIAL BLVD. & 3RD	9104220121 25 GAL UNKNOWN	DIESEL UNK	003 XX	YES 00000	227
UNKNOWN 2 DRUMS ON MCKENZIE RD, 2 DRUMS ON BLUE BLUFF RD.	9106050071 <1 GAL UNKNOWN	CABLE LUBE UNK	006 XX	YES 00000	227
UNKNOWN 11204 SPICEWOOD PARKWAY, AUSTIN	9107220061 < GAL UNKNOWN	DIESEL	003 XX	NONE 00000	227
UNKNOWN NEAR SYMPHONY SQUARE ON RED RIVER BETWEEN 11TH AND 12TH, AUST	9109030031 UNKNOWN UNKNOWN	GASOLINE UNKNOWN	003 XX	NO 00000	227
UNKNOWN I-35 AND MANOR ROAD, WEST SERVICE ROAD, AUSTIN	9109030041 35 GAL UNKNOWN	DIESEL OIL UNK	003 XX	YES 00000	227
UNKNOWN BRIDGE ON SW PARKWAY 1 MILE E OF HWY 71, AUSTIN	9110230011 150 GAL UNKNOWN	DIESEL UNKNOWN ?	002 ? ?	NO ????	227
UNKNOWN/UNCONFIRMED ***BIRDS REPORTED COVERED WITH OIL***	8612240031 UNKNOWN UNKNOWN	NUKNOMN OIF	003 ??	NONE ?????	227
UNNAMED RESIDENT 11928 TOBLER TRAIL, AUSTIN, TX.	9108190061 5 GAL 11928 TOBLER TRAIL	GASOLINE AUSTIN	005 TX	NONE 00000	227
WAYNE MITAN 1405 CARLOTTA IN LAKE ASUTIN ESTATES	9010140081 UNK GAL 1405 CARLOTTA	USED MOTOR OIL AUSTIN	003 TX	NO 00000	227
WELDON LLOYD JOHNSTON MLK TO FM 965 8 MI. E OF AUSTIN	8712210011 25 GAL PO BOX 19125	GASOLINE AUSTIN	003 TX	YES 78732	227

TWC Spill Response Data Detail Report - County Code (No Zips)

Data extracted from TWC: 1/11/93

Responsible Party Site Location (for "ABOVE LOCATION" see Address column)	Spill ID# Amount Spilled Mail Address	Material Spilled City	Spill Clea St ZIP	•			
WHITE SWAN 1206 W 34TH- PARKING LOT OF MIKE AND CHARLIES RESTAURANT	9105230091 50 GAL PO BOX 17127	DIESEL AUSTIN	003 YES TX 78760				
WINDEMERE TREATMENT PLANT WINDEMEYER SUBDIVISION, PFLUGERVILLE, TX.	9012080051 UNK GAL UNKNOWN .	RAW SEWAGE PFLUGERVILLE	006 NO TX 00000	227			
WITHHELD PENDING PROSECUTION 4211 GILLIS, AUSTIN	9202180013 3 BBL ***PRP TAKEN INTO CUSTODY - SA	MONOETHANOL. & UNK					

SITE REPORTS

from the

Solid Waste Registration Database

Comments: Solid Waste Registration record search for County Code(s) 227.

TWC Contact Number - (512) 834-6625

SWR Database Description:

The TWC Municipal Solid Waste Registration and Permit Database serves to track permits and registrations for landfills, transfer stations, sludge application sites, illegal dump sites, recycling facilities, medical waste generators and transporters.

Key to Printout Codes:

P/S: Permit Status

- A Part A of application received
- B Part B of application and other requested information
- C Technically complete, ready for processing
- D Application denied
- E Under agency evaluation
- F Further information requested
- FK Grandfathered site closed to acceptance of waste
- H Hearing scheduled
- I Permit issued
- IQ Permitted site closed to acceptance of waste
- J Permit combined with another permit
- K Closed site, no permit issued (final cover complete)
- Q Closed site, permit issued (final cover complete)
- R Registered sludge management site
- S Permit processing suspended at applicant's request
- T Active transporter registration
- TR Transporter registration renewed
- U Canceled transporter registration
- W Application withdrawn
- X Permit voluntarily canceled prior to operating
- Y Canceled registration
- Z Permit/Registration revoked

Typ: Site Types

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- Sanitary landfill, daily cover required (population equivalent served exceeds 5000 people)
- Sanitary landfill, weekly cover required (population equivalent served is from 1500 to 5000 people)
- 3 Sanitary landfill, monthly cover required (population equivalent served is less than 1500 people)
- 4 Sanitary landfill for brush and/or constructiondemolition material, monthly cover required
- 5 Miscellaneous solid waste processing facility 5GG Grease and grit trap waste processing facility

Typ: Site Types (Cont'd)

- 5RC Resource recovery/composting facility
- 5RE Resource recovery/waste-to-energy facility (including refuse-derived fuel facility w/energy recovery capability)
- 5RF Resource recovery/refuse-derived fuel facility without energy recovery capability
- 5RR Resource recovery/recycling facility
- 5SG Shredder/grinder facility
- 5TB Trench burner facility
- 5TS Transfer station facility
- 5WB Solid waste baling facility
- 5WI Solid waste incineration facility w/o energy recovery
- SWS Radioactive waste storage and/or transfer facility
- 6 Experimental facility
- 7 Sludge land disposal facility
- 7R Sludge disposal registration beneficial use
- 9GR Methane gas recovery from inactive landfill or portion of landfill
- 9ME Material extraction for energy recovery from inactive landfill or portion of landfill
- 9MR Material recovery for recycling from inactive landfill or portion of landfill
- 88 Sludge hauler
- X Unauthorized solid waste disposal facility
- X88 Unauthorized sludge hauler

S/S: Site Status

- GF Grandfather site
- NL New license
- OK Previously approved site
- PS Proposed site
- RL Renewal license
- TB Trench burner
- XX Unauthorized/Non-permitted site
- XS Illegal sludge disposal site

TWC Municipal Solid Waste Registration Listing Report - County Code(s)

Data extracted from TWC: 4/15/93

*****	********	Data extracted from TWC: 4/15/93	*******	****	***	***	****	***
Permit	Applicant	Site Location	Nearest City	Cty	Тур	P/S	S/S	ACR
2057		•		227	78			0
_	71 TRADING POST EXXON			227				0
	A AAUGER SERVICE	821 TAULBEE LANE, AUSTIN		227			U	0
	A-1 TIRE SERVICE			227			•	0
	A-ALL AMERICAN TIRE DISPL			227				0
	A-ONE DISCOUNT TIRE			227				0
	ALL CEN-TEX	105 SOUTH MUSTANG, CEDAR PARK		227			TR	ō
		1509 THREE POINTS RD., ROUND ROCK		227			T	0
	AQUATOX INC	2400FT E OF INTERSECTION 1H35 AND ROYSTON, 800FT N ROYSTON L	AUSTIN	227			PS	2
1837	AQUATOX INC.	1.2 MI N OF FM 1825 ON PFLUGERVILLE LOOP	N/A	227			OK	7
	AQUATOX, INC.	1/4 MI N OF FM 2244 & 1 MI E OF STATE HWY 71	·	227			PS	3
	AQUATOX, INC.	1246 PFLUGERVILLE LOOP, PFLUGERVILLE		227			U	0
	AQUATOX, INC.	PFLUGERVILLE		227			_	0
	AUSTIN COMM DISPOSAL	5M E INTX US 91 & SH 71 .25M N SH 71	AUSTIN	227			PS	154
	AUSTIN LIQUID DISPOSAL		AUSTIN BASTROP HWY				PS	1
	AUSTIN LIQUID DISPOSAL	11652 JOLLYVILLE RD., AUSTIN		227			U	0
20269	AUSTIN ROOTER SERVICE	AUSTIN		227			U	0
35047	AUSTIN VACUUM TRUCK	AUSTIN		227				0
20794	AUSTIN VACUUM TRUCK SERVI	809 WEST MLK, AUSTIN		227			Т	0
20459	AUSTIN WATER WORKS	7005 KENOSHA PASS, AUSTIN		227			U	0
20221	AUSTIN'S MR ROOTTER, INC	AUSTIN		227			TR	0
360	AUSTIN, CITY OF	1000 FT N FM 812 850 FT W FM 973 .4M 5 BERGSTROM AFB	AUSTIN	227	1	I	0K	382
361	AUSTIN, CITY OF	1M E OF US HWY 183 ON FM HWY 812	AUSTIN	227		٧	GF	20
986	AUSTIN, CITY OF	W FM 973 .3M N FM 812 1.1M SE BERGSTROM AFB 4M SE AUSTIN	AUSTIN	227	4	I	6F	16
1513	AUSTIN, CITY OF	SE OF AUSTIN, APPROX 5000FT SE OF ROSS RD/PEARCE LANE INTX	ELROY	227	1		PS	660
1533	AUSTIN, CITY OF	SE OF AUSTIN, 5000FT SE OF INTX OF ROSS RD & PEARLE LANE	ELROY	227	1		PS	660
1913	AUSTIN, CITY OF	HORNSBY BEND AREA, NE COLORADO RIVER, NW OF FM 973	NONE	227	5RE		PS	52
10414	AUSTIN, CITY OF	2.6HI SW OF INTERSECTION OF US HWY 183 AND SH 71	AUSTIN	227	7R	R	R	82
1447	BFI/SUNSET FARMS	INTX OF GILES & BLUE GOOSE RDS	AUSTIN	227	1		PS	352
20754	BILL SANCHEZ PLUMBING & S	9111 OLD LAMPASAS TRAIL, AUSTIN		227	88		TR	0
10137	BIO GRO SYS INC/ARNOLD	0.4 MI WNW FM 973,1 MI NNE SH71ADJ TO E SIDE COLORADO RVR	AUSTIN	227	7R		Y	407
10215	810 GRO SYS INC/AUSTIN	N OF WEBBERVILLE & FM969 & 7.5MI E OF AUSTIN ON FM969	AUSTIN	227	7R		R	***
10227	BIO GRO SYS INC/BAILEY	1.5 MI NE SH71,0.5 MI NW FM 9730N NW BANK COLORADO RIVER	AUSTIN	227	7R		Y	1
10157	BIO GRO SYS INC/BERDOLL	5.0 HI E OF BERGSTROM AFB, 0.25 HI S OF SH71, 0.5 HI W WOLF L	AUSTIN	227	7R		Y	75
10178	BIO GRO SYS INC/BLOOR	1.5 MI N OF MANOR ON GREGG RD	MANOR	227	7R		Y	679
10183	BIO GRO SYS INC/BLOOR	1.75 MI SW OF MANOR ON BLUE BLUFF RD, W OF FM973	AUSTIN	227	7R		Y	830
10252	BIO GRO SYS INC/BRATTON	1.7MI SE INTRSC FM969/FM973.0.5MI SSW FM969,ADJ N SIDE COLOR	AUSTIN	227	7R		Y	106
10162 -	BIO GRO SYS INC/BROWN	3.8 MI E INTRSC SH71/FM973,ADJ TO S SIDE SH71	AUSTIN	227	7R		R	804
10250	BIO GRO SYS INC/BUCK	0.1MI NE SH71,5.7MI ESE INTRSC SH71/FM973,ADJ S SIDE COLORAD	AUSTIN	227	7R	K,	Y	9
10184	BIO GRO SYS INC/BURKLUND	.5 MI E OF CREEDMORE ON FM1327 AT Y WITH EVELYN RD	MUSTANG RIDGE	227	7R		Y	343
10176	BIO GRO SYS INC/BYERS	0.6 MI SSW INTRSC FM 969/973, ADJ TO WNW SIDE FM 973	AUSTIN	227	7R		Y	172
10190	BIO GRO SYS INC/CALDWELL	2 MI NE OF GARFIELD, TX & SH71 ON CALDWELL LN:S OF COLORADO R	AUSTIN	227	7R		Y	296
10254	BIO GRO SYS INC/CALDWELL	6MI E INTRSC FM973/SH71, ADJ NE SIDE SH71	AUSTIN	227	7R		Y	16
10144	BIO GRO SYS INC/CALLAHAN	0.2 HI SE FH 973, 1.7 HI NE SH71	AUSTIN	227	7R -		Y	477
10164	BIO GRO SYS INC/CALLAHAN	0.25 MI E OF FM973, ADJACENT TO S SIDE FM969	AUSTIN	227	7R		Y	162
10207	BIO GRO SYS INC/CARR	3.25 MI E OF INTRSC SH71 & FM973; JUST E OF DEL VALLE	DEL VALLE	227	7R		Y	279
10001	BIO GRO SYS INC/CLARK	8.0 MI N OF LOCKHART, 1.25 MI S OF SH-21, 0.75 MI W OF US-18	MUSTANG RIDGE	227	7R		Y	100
10249	BIO GRO SYS INC/COOPER	1.7MI SE INTRSC SH71/FM973, ADJ S SIDE SH71	AUST:IN	227	7R		Y	79
10244	BIO GRO SYS INC/DAILEY	6.5MI ESE INTRSC FM973/FM969,ADJ NW SIDE FM969	AUSTIN	227	7R		Y	303
	BIO GRO SYS INC/FELTER	5.4MI E INTRSC FM969/FM973.ADJ N SIDE OF FM 969	AUSTIN	227			Y	104
10239	BIO GRO SYS INC/GILBERT	0.2MI N COLORADO RV.O.4MI SE FM973	AUSTIN	227	7R		Y	124

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		Applicant	Site Location	Nearest City	Cty	Typ	P/S	S/S	ACR
	10245	BIO GRO SYS INC/GILBERT	0.7HI SE FN973.0.4HI SW FM969	AUSTIN	227	7R		Y	51
		BIO GRO SYS INC/GILBERT	FM973/COLORADO RVR CROSSING, ADJ N SIDE COLORADO RVR	AUSTIN		7R		Y	53
		BIC GRO SYS INC/GILBERT	O.6MI ESE INTRSC FM973/FM969, ADJ N SIDE FM969	AUSTIN		7R		Y	167
	10198	BIO GRO SYS INC/GILLAR	0.8 MI INTRSCT US183/FM1327, NE SIDE OF CTY RD	AUSTIN		7R		Y	366
		BIO GRO SYS INC/GLASS	2.5 HI S INTRSC LOOP 212/FM 973IN MANOR, ADJ TO E SIDE FM 97			7R		R	***
	10210	BIO GRO SYS INC/GRAEF	4.1HI SE IH35,1.2MI SW FH1327 & 2.9MI W US 183	CREEDMORE		7R		Y	204
	10189	BIO GRO SYS INC/HALL	4 MI E OF AUSTIN ON FM969	AUSTIN	227	7R		·Y	101
	10169	BIO GRO SYS INC/HENNIG	1.5 MI S OF MANOR ON FM973,1.5 MI NE OF WALTER LANG LK.E OF9	AUSTIN	227	7R		Y	317
	10136	BIO GRO SYS INC/HORNSBY	0.3 HI SE FM 973, 2.8 HI NE SH71	AUSTIN	227	7R		٧	72
	10257	BIO GRO SYS INC/HUNT	O.2MI NE INTRSC FM1327/FM1625, ADJACENT TO SE SIDE FM1625	CREEDMORE	227	7R		Y	17
	10152	BIO GRO SYS INC/JOHNSON	2.0 MI SE OF DEL VALLE, 0.5 MI E OF FM973, ADJ TO S SIDE SH7	AUSTIN	227	7R		R	***
•	10187	BIO GRO SYS INC/JONES	3.5 MI E OF MANOR ON HWY 290	MANOR	227	7R		Y	230
	10197	BIO GRO SYS INC/LAWLESS	4.6 MI SE RM273, 1.5 MI NE FM812	AUSTIN	227	7R		Y	660
	10173	BIO GRO SYS INC/LIND	.25 MI FROM FM973, 2 MI W OF DEL VALLE	AUSTIN	227	7R		Y	87
	10208	BIO GRO SYS INC/LIND	.5 MI S OF INTRSC TAYLOR LN & BLAKE MANOR RD; SE OF MANOR, T	AUSTIN	227	7R		Y	26
	10258	BIO GRO SYS INC/LOZIER	2.6MI SSW INTRSC SH71/FM973, ADJACENT SE SIDE FM973	AUSTIN	227	7R		Y	129
	10170	BIO GRO SYS INC/MARLEY	2.5 MI E OF AUSTIN ON FM969; ON S SIDE OF FM969	AUSTIN	227	7R		Y	403
	10177	BIO GRO SYS INC/MARSHALL	3 MI E OF DEL VALLE ON SH71, N SIDE OF 71	DEL VALLE	227	7R		Y	423
	10143	BIO GRO SYS INC/MCCALLA	0.5 MI SE FM 973, 0.8 MI NE SH71	DEL VALLE	227	7R		Y	86
	10185	BIO GRO SYS INC/MITTAG	.5 MI NE OF MANOR ON BLAKE-MANOR RD	MANOR	227	7R		Y	213
	10193	BIO GRO SYS INC/MITTAG	1 MI SE OF MANOR, TX ON BLAKE-MANOR RD. ON W SIDE OF RD	MANOR	227	7R		Y	117
	10156	BIO GRO SYS INC/NORWOOD	2.6 HI E OF FM973, ADJ TO SH 71	AUSTIN	227	7R		Y	259
	10145	BIO GRO SYS INC/PLATT	0.9 MI NE SH71, ADJACENT TO FM973	AUSTIN	227	7R		Y	120
	10180	BIO GRO SYS INC/SANDERS	2 MI N OF MANOR ON GREGG RD	MANOR	227	7R		Y	769
	10188	BIO GRO SYS INC/SANSOM	4 HI SE OF MANOR, TX: 1 HI SE OF INTRSCT LOCKWOOD & PARSON RDS	MANOR	227	7R		Y	99
	10216	BIO GRO SYS INC/SANSOM	E OF WEBBERVILLE ON FM969;.5 MI W OF BSTP/TRS.CO.LN ON 969	WEBBERVILLE	227	7R		Y	140
	10217	BIO GRO SYS INC/SANSOM	.5 MI S OF WEBBERVILLE ON FM RD969; ON N SIDE OF FM 969	WEBBERVILLE	227	7R		Y	105
	10209	BIO GRO SYS INC/SIMMONS	3.6MI SE IH35; 1.4 MI SW FM1327 & 3.5 MI W US183	CREEDMORE	227	7R		Y	294
	10199	BIO GRO SYS INC/STEGER	4.7 MI SE FM973, 0.6 MI NE FM812 ADJ TO S SIDE CTY RD	AUSTIN	227	7 R		Y	201
	10243	BIO GRO SYS INC/SWENSON	O.2MI S INTRSC FM1327/FM1625, ADJ E SIDE CTY RD IN CREEDMORE	CREEDMORE	227	7R		Y	286
	10174	BIO GRO SYS INC/TETAN	1.5 HI SE OF MANOR ON BLAKE MANOR RD; 2 HI NE OF WALT LONG	AUSTIN	227	7R		Y	***
	10179	BIO GRO SYS INC/WEAVER	2.5 MI NE OF MANOR ON FM 973	MANOR	227	7R		Y	136
		BIO GRO SYS INC/WEBB	0.4 MI SW INTRSC US290/FM3177, E SIDE FM3177	AUSTIN	227	7R		Y	100
		BIO GRO SYS INC/WHITE	0.2 MI SH71,3.7MI ESE INTRSC SH71 & FM973	AUSTIN	227	7R		Y	68
			1HI W OF US 183;1.3 HI NW OF ST. RD 21 ON WILLIAMSON RD	MUSTANG RIDGE	227			Y	223
		BIO GRO SYS INC/WISIAN	5 MI S OF MANOR ON BURLESON RD&1 MI NE OF INTRSC WITH FM969	AUSTIN	227	7R		Y	72
			O.5MI NE US183, 1 MI SW FM969 ON SE SIDE COLORADO RIVER	AUSTIN	227			Y	133
			1916 FOREST DR., ANNAPOLIS, MD.		227			T	0
			4.5MI S OF CREEDMOOR ON WILLIAMSON RD 2MI E INT FM 1625&WLLM		227			XX	0
			12609 DESSAU RD, AUSTIN (512-251-2329) ROGER MAYNARD			88	TR	T	0
		BUTLER TIRE CO			227			_	0
		CAP TEX SEPTIC SERVICE	RT.3, BOX 124E, MANOR		227			T	0
			APPROX 0.55MI E OF US 183 ON FM 812 N 0.3MI ON GRAVEL RD		227			XX	0
		CENTRAL TEXAS REFUSE INC		AUSTIN	227			T	0
			W OF SHAW DR APPROX 0.2MI S OF INT WITH FM 1431		227	X		XX	0
		DUETT TIRE SERVICE			227				0
		EARL HUNT	Theurs on effering handle should be use should appear a second		227			XX	0
			TRAVIS CO STEINER RANCH ABOUT 1.5 MI FROM STEINER RANCH BLVD	0511165007115	227			XX	0
				PFLUGERVILLE	227			D	0.
		ENVIRO-WASTE MANAGEMENT, I	AU211N		227	86		TR	0
- 7	25049	FAULKS EXXON	,		227				0

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	Applicant	Site Location	Nearest City	Cty	T;	yp P/S	\$/\$ ****	ACR
32283		9800 BLK DESSAU RD		227			ХХ	0
1348	FOREMOST CONSTRUCTION CO	8400 DELWAU LANE	AUSTIN	227	4	Н	XX	81
32108	FRANKLIN FEDERAL BANCO	N OF TANNEHILL LANE ALONG UTILITY EASEMENT ACCESS RO		227	X		XX	0
25123	GCR TREADMASTER			227				0
30616	GUERRERO	E OF HWY183 AT HILLMOOR RD		227	X		XX	0
25148	GUTHRIE, DAVID			227				0
1569	HARMON PROPERTIES	1111 OLD BASTROP HWY. AUSTIN	AUSTIN	227	3		GF	28
30619	HARTSFIELD, CLIVE	601 FERGUSON, AUSTIN		227	X		XX	0
32429	HILLIS, THOMAS J	WEST OF YAGER RD ABOUT 0.1 MI N INT.CAMERON RD. AND YAGER LA		227	X		XX	0
32110	HOUSING & URBAN DEVELOP	1MI S LOYOLA DR & 0.5MI E JOHNNY MORRIS DR		227	X		XX	0
32548	HOUSING & URBAN DEVELOP	E OF JOHNNY MORRIS RD BETWEEN BREEZY HILL & POINT NORTH ROAD		227	X		XX	0
35032	HOWETH, STEVE	AUSTIN		227	X	88		0
20498	HUNT-SPRADLING INVESTMENT	2028 E BEN WHITE #515, AUSTIN		227	88	8	Ü	0
25278	JACKSON TIRE CO			227				0
30402	JAGER, SID	CORNER OF STASSNEY & NUCKLES CROSSING AUSTIN		227		X	XX	0
32064	JOHNSON, JAY	APPROX 7MI S OF FM 812 ON W SIDE OF US 183		227	X		XX	0
35003	JUBY, CARY	MANOR		227	X	88		0
30564	L E HUNT	ON ONION CREEK BETWEEN POLK SHELTON RD & BRANDT RD		227		X	XX	0
20591	LIQUID WASTE MANAGEMENT S	AUSTIN		227	88	В	T	0
21453	LONGHORN DISPOSAL	9708 GILES RD, MANOR,TX		227	88	В	T	0
	LONGHORN DISPOSAL CO-WMI			227				0
	MARTINEZ, SALLIE	N SIDE OF SPRINGDALE RD AT 4700 IN AUSTIN		227	X		XX	0
31178	MATZ , RICHARD	CISCO TRAIL OF ROUNDMOUNTAIN OAKS SUBDIVISION		227	X		XX	0
30282	MR FLOURNEY MR BRADSHIRE	5609 S CONGRESS AUSTIN		227		X	XX	0
	NEGRETE, ROBERT	CEDAR PARK		227	X	88		0
25121	PARKER, SUE HS			227				0
25001	PERRY ROSE FIRESTONE			227				0
20482	PFLUGERVILLE, CITY OF	PFLUGERVILLE		227	88	8	U	0
	PRINGLE, W H	5206 WIND RIVER ROAD MESA PARK SUBDIVISON	AUSTIN	227	3	W	PS	0
20504	PUMP-IT, DUMP-IT	2525 WALLINGWOOD, BLDG 4, STE.400, AUSTIN		227	88	3	TR	0
20764	RAMCO CONTRACTORS, INC.	8401 BLUFF SPRINGS RD., AUSTIN		227	88	3	U	0
31216	RATHGEBER, EDWARD	END OF MAN O WAR STREET IN GARFIELD		227	X		XX	0
	RIVAS, CHRISTINO	AUSTIN		227	Xε	38		0
	ROBERT WILLIAMS TIRE SERV			227				0
		11652 JOLLYVILLE RD, AUSTIN		227	88	3	TR	0
	S.O.S., INC.	AUSTIN		227			TR	0
30488	SB WINGFIELD	1111 BASTROP HWY71 AUSTIN TX		227		X	XX	0
32114	SCHROEDER, CHARLES	N CAMERON RD ABOUT 600YDS NE OF INT CAMERON & BLUEGOOSE RDS		227	X	•	XX	0
	SETON HEDICAL CENTER	1201 W 38TH ST. AUSTIN	AUSTIN	227	5₩	/I	PS	0
20363	SONNY'S SEWER & CLEANING	206 VICTOR ST., AUSTIN		227	88	3	U	0
32112	SORRELS' BEAUTY CO	INT OF DELANO & HAROLD STEETS LOT 15 BLK 1 N GREEN VALLEY NO		227	X		XX	0
30811	SPRINKLE, JOHN	701 DALTON LN, ABOUT 1 MI NE OF SH183 E SH71 INT		227	X		XX	0
1124	ST STEPHEN EPISPAL SCH	1000 FT N OF INT OF BUNNY RUN RD & DAVENPOPT RANCH RD	AUSTIN	227	3	В	GF	5
32109	STATE DEPT HWY & PUB TRAN	ALONG RR R O W SW OF LOYOLA ST IN AUSTIN		227	X	•	XX	0
	STEWART SEPTIC SERVICE	1403 REMMINGTON RD., AUSTIN		227	88	3	TR	0
20730	TEXAS CONSTRCTN SERV CO			227	88	3	U	0
	TEXAS INSTRUMENTS	CEDAR PARK		227		X	XX	0
	THOMPSON, CLESTINE	S OF INT OF WILCAB & BLUESTEIN DR IN AUSTIN		227	X		XX	0
	TISDALE'S SANITARY SERVIC			227	Х8	88		0
	TRAVIS CO	PALE FACE PARIS LCRA PARK OFF FM 2322		227		X	XX .	0
119	TRAVIS COUNTY	E SIDE OF FM-620, 0.2 MILE N OF FM-620, AND SH-71 INT.	AUSTIN	227	5T	SI	ΡS	5
113	LOVATO COOREL	E SIDE OF CHIOCO, OLD OTHER HON PHIOCO, AND SHIFT INC.	VOSTIU	"	31	3	1	T L2

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TWC Municipal Solid Waste Registration Listing Report ~ County Code(s) Data extracted from TWC: 4/15/93

****	********	***********	*******	***	***	***	****	***
Permi t	Applicant	Site Location	Nearest City	Cty	Тур	P/S	S/S	ACR
****	*****	****		****	***	***	****	***
32153	TRAVIS COUNTY	N SW PARKWAY END OF WIER HILLS RD		227	X		XX	0
1841	TRAVIS COUNTY LANDFILL CO	1200FT NE OF FM 812,3600FT WNW OF FM973&3500FT E OF US183	N/A	227	4		PS	113
684	TRAVIS COUNTY/PCT 1	N US 290 .3M W GILES RD & 1.5M E AUSTIN CITY LIMITS	AUSTIN	227	1	I	GF	148
685	TRAVIS COUNTY/PCT 2		AUSTIN	227	1	Α	GF	16
686	TRAVIS COUNTY/PCT 3		BEE CAVE	227	1	Α	GF	18
2123	TX DISPOSAL STMS LF, INC.	5 HI S OF AUSTIN, 3MI E OF IH35, IN NW QUAD OF FM1327 & CARL R	CREEDHOOR	227	1	I	PS	341
25204	U AUTO STOP USED TIRES		• •	227				0
21062	UNIVAC, INC	1115 OLD BASTROP HWY, AUSTIN		227	88		T	0
20114	WALDEN COMPANY	201 CR-272, LEANDER		227	88		TR	0
21523	WILSON LAND & CATTLE CO			227	88	T	T	0
1390	WINGFIELD, S B	1111 OLD BASTROP HIGHWAY	AUSTIN	227	1	Α	GF	18
32366	U,HNIY	E OF HWY 183 IN MUSTANG RIDGE AT NO 12,111		227	X		XX	0
249	WMI/TEXAS WASTE SYSTEMS	9708 GILES ROAD	AUSTIN	227	1	8	PS	217

APPENDIX C

Asbestos Sampling Results

Client:

Kucera Company 7200 North Mopac, Ste.450 Austin, Tx 78731

SwL Project: 505093-850 Report Date: 08-03-1993

Of Custody:

Bulk sample submitted for asbestos content analysis. Sampled by SwL and received at SwL-Austin on 07-23-93. Analyzed on 08-03-93.

Project:

850 West 5th Street

RESULTS

Sample	Sample	SwL	Asbestos	Percent	Other Fibrous	
. D.	Description	Lab No.	Type	<u>Asbestos</u>	Constituents (%)	
Showroom	White	505093-850-	None	0 %	20% Cellulose	4
Joint compound	Powder w/ fibers	0001			•	
Upstairs office	White & black	505093-850-	Chrysotile ¹	5 - 8 %	None Detected	
9"x 9" floor tile	Vinyl aggregate w/ mastic	0002	Chrysotile ²	3 - 5 %		
Upstairs rear office	White	505093-850-	None	0 %	None Detected	
1'x 1' floor tile	Vinyl w/ aggregate	0003				
Upstairs office	White	505093-850-	None	0 %	20% Cellulose	ź
Wall texture	Powder w/ fibers	0004			•	
Main showroom	White	505093-850-	None	0 %	40% Cellulose	
2'x 4' ceiling tile	Fibrous	0005			40% Mineral Wool	
Parts office	White	505093-850-	None	0 %	None Detected	
1'x 1' floor tile	Vinyl w/ aggregate	0006				
East office	Brown	505093-850-	Chrysotile ³	20 - 25 %	30% Cellulose	
Roll flooring	Vinyl w/ fibrous backing	0007	•			
Upstairs parts area	Grey	505093-850-	Chrysotile	50 - 55 %	None Detected	
Wall board	Cementitious w/fiber	8000	•			
East service area. HVAC closet	White	505093-850-	Chrysotile	25 - 30 %	20% Cellulose	
Elbow insulation	Powder w/ fibers	0009	-			
Northeast corner of site	Green	505093-850-	None	0 %	None Detected	
9"x 9" floor tile	Vinyl aggregate w/ mastic	0010			,	

"The percentage of ashestos is microscopically visually estimated.

"Method of analysis: 40 CFR 763, Appendix A to Subpart F (Polarized Light Microscopy)

Samples will be discarded after a storage period of 60 days, unless other arrangements are specified. Results presented pertain to only actual sample analyzed.

1 - Mastic only 2 - Tile only 3 - Backing only

Technician: Martin Gibson

Martin Gibson

Environmental Scientist

Our letters and reports are for the exclusive use of the client to whom they are addressed. The letters and reports shall not be reproduced except in full without the approval of the testing laboratory. The use of our name must recieve our prior written approval.

SOUTHWESTERN LABORATORIES, INC.

Robert W. Youens Programs Manager

REPEAT GROUNDWATER QUALITY ASSESSMENT ACTIVITIES, FORMER APPLE (AUSTIN) TOYOTA SITE

PREPARED FOR

THE KUCERA COMPANY
7200 MOPAC FREEWAY
SUITE 450
AUSTIN, TEXAS 78731

NOVEMBER 11, 1993

AML

J. McNUTT & ASSOCIATES, INC.

1250 Sterling Plaza 5949 Sherry Lane Dallas, Texas 75225 CAPITAL GAS LIGHT COMPANY

DOCUMENT 5

SITE RESPONSE REPORT AND REMEDIAL PROCEDURES AUSTIN TOYOTA, INC. FACILITY

PREPARED FOR

TEXAS WATER COMMISSION DISTRICT 14 OFFICE

1700 SOUTH LAMAR BUILDING NO.1, SUITE 101 AUSTIN, TEXAS 78704-3360

OCTOBER 13, 1992

JMA

J. McNUTT & ASSOCIATES, INC.

1250 Sterling Plaza 5949 Sherry Lane Dallas, Texas 75225

SITE RESPONSE REPORT

AND

REMEDIAL PROCEDURES

FORMER AUSTIN TOYOTA, INC. FACILITIES

805 West 5th Street Austin, Texas

October 13, 1992

J. McNUTT & ASSOCIATES, INC.
5949 Sherry Lane
Suite 1250
Dallas, Texas 75225

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2.0	Sampling and Analyses Procedures
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4.0	Conclusions
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Appendix B.	Certified Lab Results
Appendix C.	Manifests for Transportation and Disposal of Used Oil
Appendix D.	Site Safety Plan

SECTION 1 EXECUTIVE SUMMARY

In March, 1991, Comerica, Inc. (Comerica) engaged J. McNutt & Associates, Inc. (JMA) to repeat a subsurface investigation at the Apple (Austin) Toyota, Inc. site at 805 West 5th Street, Austin, Texas. These efforts were to evaluate the site to determine the validity of a previous assessment performed prior to foreclosure activities.

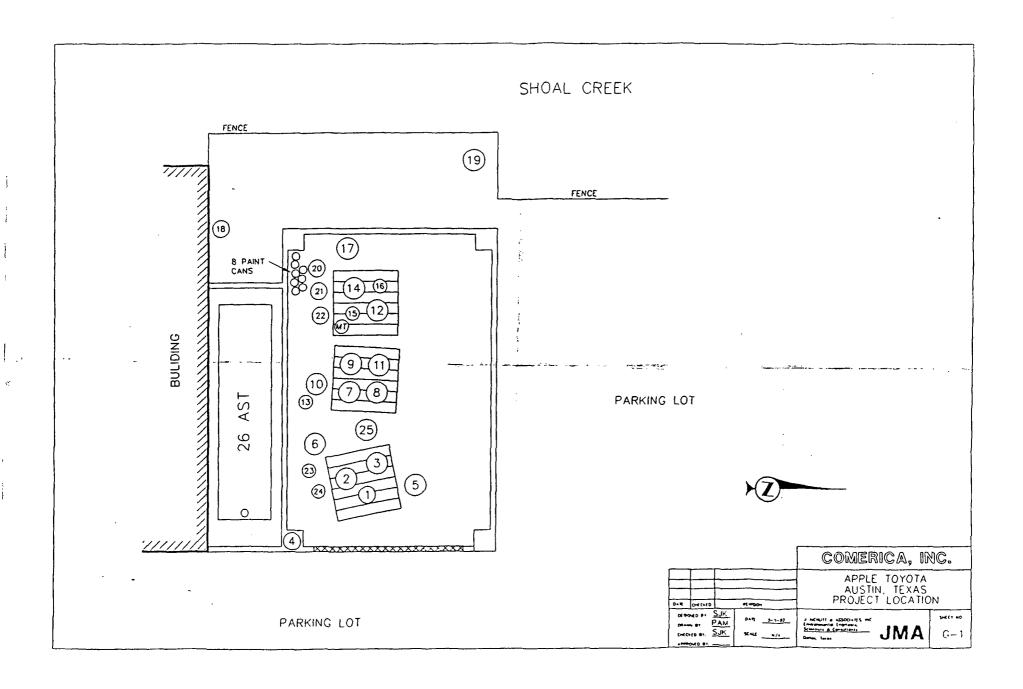
During the March, 1991 activities, the location and condition of the above ground used oil tank and covered drum storage areas were documented, as well as the existence of an abandoned used oil underground storage tank (UST). In June, 1991, JMA returned to the site to remove the used oil UST and remediate the associated contamination (LPST No. 99907). At that time, the site was again evaluated and the location and condition of the above ground used tank oil and covered drum storage areas was documented.

On Friday, March 27, 1992, Mr. Chuck Lesniak of the City of Austin contacted the Detroit, MI office of Comerica, Inc. (Comerica) to report a potential leak of used oil at the Apple (Austin) Toyota, Inc. site, 805 West 5th Street, Austin, Travis County. Within ten minutes of original notification, JMA contacted Mr. Lesniak's office and within one hour had Mobley Environmental Services (Mobley) on-site to drain the area.

Apparently, Apple abandoned the site and removed the used oil drum storage area cover, leaving approximately twenty-four (24) drums and one 1,000-gallon used oil AST at the site. The drums were located in the open, bermed area, formerly covered. The open drums became filled with rainwater, floating the used oils into the containment area itself. The significant rain event on Friday, March 27, 1992 resulted in the containment area becoming filled with rainwater, floating the spilled oil into an area where it *potentially* entered Shoal Creek. It is believed that if oil did enter Shoal Creek, it was a small quantity, short duration event, terminated by the pumping of the containment area by Mobley.

After the threat of contamination to Shoal Creek was eliminated, the fluid from the drums, AST, and remaining small containers were sampled and the site was temporarily secured by covering the individual drums with dedicated fitted plastic covers and the entire containment area with 10-mil Visqueen. Photographic documentation is provided in Appendix A.

After completion of the lab analyses, the used oil was collected for recycling by Mobley, the drums were collected and delivered to Dallas Steel Drums for recycling, and the AST emptied and rinsed with *Biosolve*. After the containment area was cleared of all the containers, the pad was rinsed with a Biosolve solution removing any residual oil and the containment barriers breached to prevent further collecting of stormwater. The AST was sealed prior to securing the site.



SECTION 2 SAMPLING AND ANALYSIS PROCEDURES

At the request of the agencies present at the site (Texas Water Commission and City of Austin), the material in the drums and the material pumped from the site were tested for the presence of total organic halides (TOX) and RCRA Metals prior to removal or disposal. The potential for recycling the waste materials versus disposal limited the testing for ignitability and corrosivity to two samples.

The materials present at the site were located in twenty-four (24) discrete containers, as well as fifteen small, one-gallon used oil containers. The smaller containers were pooled into a single, 55-gallon overpack drum for sampling and analysis procedures. In addition, the site has a single above ground storage tank (AST) unit, containing approximately 1,000 gallons of used motor oil.

To determine the concentration of the materials *potentially* released into Shoal Creek, a sample was requested from Mobley of the materials stored in their onsite tank.

Precleaned and triple rinsed Coliwasa tubes were requested for use in the sampling procedures. A JMA geologist, trained in Environmental Protection Agency (EPA) sampling procedures returned to the site, composited the smaller oil samples, and sampled the first twenty-four drums. Approximately five days later, the site was revisited, with the AST sampled and the Mobley holding tank resampled. Each container was sampled with a dedicated, virgin Coliwasa tube, with a "profile" sample of the drum collected and placed into precleaned, triple rinsed sample containers. All samples were then placed on ice and transferred under strict Chain-of-Custody to Analysis, Inc. in Austin for analysis. All sampling was conducted under Environmental Protection Agency protocols, with dedicated sampling equipment and containers for each drum sampled.

Analyses were performed on the original twenty-four (24) drums and the composite drum for total organic halides (TOX) and RCRA metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver). These same analyses

were performed on the AST and Mobley samples, as well as an EPA Method 8260 organics scan to ensure no toxic materials were *potentially* released into Shoal Creek. The certified laboratory analyses, proceeded by a results summary can be found as Appendix B.

The initial results indicated that the sample of the fluid collected by Mobley had a concentration of lead in excess of the regulatory limits. An investigation of the sampling equipment and procedures utilized by the Mobley staff indicated a potential for cross contamination in this sample. To determine the *actual* concentration of the materials in the tank, a second sample was collected by the JMA geologist, again utilizing EPA approved sampling and collection techniques. The sample was remanded with the AST sample to Analysis, Inc. for analysis under strict Chain-of-Custody procedures.

The results of the analytical procedures indicate the material *potentially* released into Shoal Creek was not of a toxic concentration. Although the lead level was slightly elevated, its concentration (3.4 mg/l) was below the regulatory limit of 5.0 mg/l. All other parameters indicated this material was within acceptable concentration of TOX and RCRA metals. It is believed that the sample submitted by Mobley, with a lead concentration of 5.7 mg/l was the result of contaminated sampling equipment, as witnessed by the JMA staff at the Mobley site for the second sampling event.

The results of the other materials indicated the presence of elevated concentrations of lead in seven samples; elevated levels of TOX in one samples; elevated levels of 1,1,1 trichloroethane, acetone, tetrachloroethane, and BTEX in the AST sample; and BTEX and methylene chloride in drum No. 3. A summary of the sample results is provided on the following pages.

If this material was intended for disposal, the presence of chlorinated organics might present some problems. The procedures utilized in used oil recycling and re-refining will, however, remove this material.

Comerica, Inc. Austin Toyota, Inc. Facility Remediation Sampling and Analysis Results May 10, 1992

			MOBLEY	JMA
	ı	REGULATORY	SAMPLE	SAMPLE
PARAMETER	UNIT	LIMITS	FLUID	FLUID
TOX	mg/kg	200	<10 s ₁	<10
Arsenic	ucg/kg	5000	<20	<20
Barium	mg/kg	100	6.4	6.3
Cadmium	mg/kg	1.0	<0.1	<0.1
Chromium	mg/kg	5.0	<1	<1
Lead	mg/kg	5.0	5.7	3.4
Mercury	ucg/kg	200	<5	<5
Selenium	ucg/kg	1000	<40	<40
Silver	ucg/kg	5000	<4	<4

Comerica, Inc.

Austin Toyota, Inc. Facility

Remediation Sampling and Analysis Results

May 10, 1992

PARAMETER	UNIT	1	2	3	4	5	6	7	8	9	10
TOX	mg/kg	88	21	6700	<10	<10	<10	<10	20	63	<10
Arsenic	ucg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Barium	mg/kg	8.1	7.4	4.9	8.5	7.1	11	5.3	7.2	5.7	8.3
Cadmium	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chromium	mg/kg	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead	mg/kg	3.5	<1	<10	32	<1	58	2.1	7.2	8.4	1.9
Mercury	ucg/kg	· <5	<5	<5	<5	· <5	<5	<5	<5	79	<5
Selenium	ucg/kg	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
Silver	ucg/kg	13	7.3	<4	13	<4	<4	<4	<4	<4	<4
PARAMETER	UNIT	11	12	13	14	15	16	17	18	19	20
TOX	mg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Arsenic	ucg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Barium	mg/kg	7.4	6.1	5.6	8	10	5.1	5.5	6.4	5.8	1100
Cadmium	mg/kg	0.24	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.12
Chromium	mg/kg	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead	mg/kg	5.2	<1	<1	<1	12	<1	<1	<1	<1	7.1
Mercury	ucg/kg	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Selenium	ucg/kg	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
Silver	ucg/kg	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4

PARAMETER	UNIT	21	22	23/24	25
TOX	mg/kg	<10	<10	<10	<10
Arsenic	ucg/kg	<20	<20	<20	<20
Barium	mg/kg	5.0	13.0	5.8	6.7
Cadmium	mg/kg	<0.1	<0.1	<0.1	0.53
Chromium	mg/kg	<1	<1	<1	<1
Lead	mg/kg	<1	<1	26	24
Mercury	ucg/kg	<5	<5	<5	<5
Selenium	ucg/kg	<40	<40	<40	<40
Silver	ucg/kg	<4	<4	<4	<4

Comerica, Inc.
Austin Toyota, Inc. Facility
Remediation Sampling and Analysis Results
May 10, 1992

DETAILED ADDITIONAL ANALYSES

			#3	JMA
PARAMETER	UNITS	AST	(RPT)	SAMPLE
Ignitability	oF	>150	>150	>150
Oil & Grease	mg/kg	N/A	N/A	280
TOX	mg/kg	N/A	N/A	<10
Arsenic	ucg/kg	<20	69	<20
Barium	mg/kg	5.2	4.6	6.3
Cadmium	mg/kg	<0.1	<0.1	<0.1
Chromium	mg/kg	<1	1.4	<1
Lead	mg/kg	4.9	<1	3.4
Mercury	ucg/kg	<5	<5	<5
Selenium	ucg/kg	<40	77	<40
Silver	ucg/kg	<4	<4	<4
1,1,1-trichloroethane	ucg/kg	4000	<5	['] <5
Acetone	ucg/kg	16000	<5	300
Benzene	ucg/kg	2700	<5	· <5
Ethylbenzene	ucg/kg	34000	39000	500
m,p-Xylenes	ucg/kg	130000	140000	570
Methylene Chloride	ucg/kg	<5	15000	6
o-Xylene	ucg/kg	62000	70000	500
Tetrachloroethene	ucg/kg	33000	<5	<5
Toluene	ucg/kg	97000	49000	<5

SECTION 3 SITE REMEDIAL ACTIVITIES

The laboratory data presented above clearly indicates that the *potential* release of March 27, 1992 did **NOT** involve a toxic substance as defined by regulation. To prevent any potential problems with this site in the future, the following remediation program was engaged at the site:

- the results were remanded to Mobley, who returned to the site on August 20, 1992, pumped the containment area, AST and all drums, treated all collected materials and recycled the collected oils;
- all empty drums were removed from the site and crushed for final disposal;
- the AST was rinsed with a Biosolve solution and sealed AST;
- the containment area was rinsed with a *Biosolve* solution to remove any residual organic material from the site;
- the containment area was breached to prevent accumulation of stormwater:
- the site was secured, with no further activities required or anticipated.

SECTION 4 CONCLUSIONS

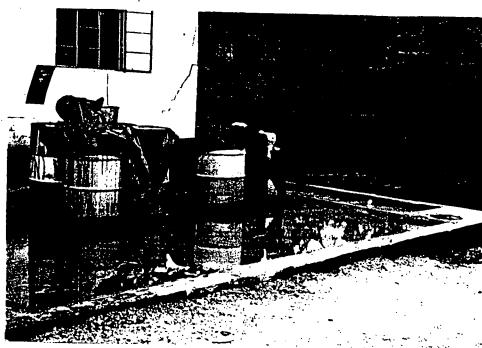
Since the original date of discovery, March 27, 1992, Comerica maintained the site in a discharge-free state, with all materials contained and covered under a temporary covering, with additional coverings placed over each drum to prevent rainwater from floating additional materials from the containment area. In addition, JMA provided regular inspections of the site insuring full containment of all materials through the conclusion of remedial activities. Consequently, on August 20, 1992, Mobley, manifest documentation, removed the contents from all the drums and AST for recycling. The remaining small paint cans and 5-gallon containers were remanded to a Dallas paint manufacturer for recycling.

With the completion of the remediation and closure activities as outlined above, the site is free of hydrocarbon contaminants, and the containment area is no longer required for the site. JMA anticipates no further action and considers this site closed per TWC requirements.

APPENDIX A.

PHOTOGRAPHIC DOCUMENTATION





Views of containment area, March 28, 1992





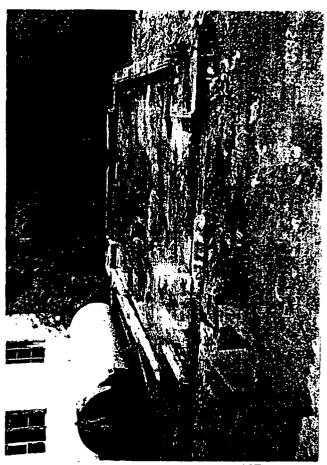


View of remote drum (No. 19)





Additional view of area with individual drum covers



View of containment area and empty AST. Note the breaks in the containment area walls.



View of break in north wall of the containment area.



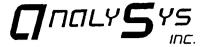
View of the empty AST with bolts Inserted to seal the tank.



View of break in south wall of the containment area.

APPENDIX B.

CERTIFIED LAB RESULTS



4221 Freidrich Lane, Suite 190, Austin, Texas 78744-1044 [(512) 444-5896 FAN; (512) 447-4760

J. McNutt & Associates Client:

Report #: 27989

640 Meadows Building

Report Date:

4/9/92

Dallas

75206 TX

10:00:00

Attn: Dr. James McNutt

214-691-6606

Project Description: Old Apple Toyota

Date/Time Taken:

Sample Name: Fluid from Containment Area

4/7/92

Date/Time Received:

Matrix:

waste

4/7/92

1:30:00

Report of Analysis

Parameter T.O.X.	Result	Units	MDL/POL(1)	Blank	Date Analyzed	Test Method
Arsenic/GFAA	<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	6.4	mg/Kg	0.20	<0.01	4/8/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	5.7	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/8/92	272.2&7761

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

All method numbers denote USEPA procedures unless otherwise stated. "< or Less than" values reflect the nominal detection or quantitation limit (MDL/PQL) of the method employed.

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4221 Freidrich Lane, Suite 190, Austin, Texas 78744-1044 [(512) 444-5896 FAX: (512) 447-4766

Client: J. McNutt & Associates

Report #:

28124

640 Meadows Building

75206

Report Date: 4/16/92

Attn: Dr. James McNutt

214-691-6606

Project Description: Mobley

Sample Name: #1Frac

Matrix:

waste

Date/Time Taken: 4/11/92

Dallas

TX

2:48:00

Date/Time Received:

4/11/92

5:40:00

Report of Analysis

see attached

Respectfully submitted,

Mark Krause

All method numbers denote USEPA procedures unless otherwise stated. "Less than" values reflect the nominal detection limit of the method employed. © Copyright 1992 AnalySys, Inc., Austin, Texas. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express permission of AnalySys, Inc.

RECEIVED

7 3 1990

J. McNuit & Associates, Inc. Dallas, Texas

Report of Analysis

Report #: 28124

Sample Name: #1Frac

			,		Date	
Parameter	<u>Result</u>	<u>Units</u>	MDL/POL(1)	Blank	Analyzed	Test Method
Ignitability	>150	ም	-NA-	-NA-	4/13/92	1010
Oil and grease	280	mg/Kg	20	<0.2	4/13/92	413.2
T.O.X.	<10	mg/Kg	10	<10	4/14/92	9020
Arsenic/GFAA	<20	μg/Kg	20	<1	4/14/92	206.2&7060
Barium/ICP	6.3	mg/Kg	0.20	< 0.01	4/13/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	<0.005	4/13/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/13/92	200.7&6010
Lead/ICP	3.4	mg/Kg	1.00	<0.05	4/13/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	< 0.2	4/13/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/14/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/13/92	272.2&7761

^{1.} Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Report of Analysis-Volatile Organics

Report #: 28124

Sample Name: #1Frac

					Date	
Parameter	Result	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	<u>Analyzed</u>	Test Method
Volatile organics-8260	see enclosed				4/13/92	624 & 8260
1,1,1,2-tetrachloroethane	<5	μg/Kg	5	<5	4/13/92	624 & 8260
1,1,1-trichloroethane	<5	μg/Kg	5	<5	4/13/92	624 & 8260
1,1,2,2-tetrachloroethane	<5	μg/Kg	5	<5	4/13/92	624 & 8260
1,1,2-trichloroethane	<5	μg/Kg	5	<5	4/13/92	624 & 8260
1,1-dichloroethane	<5	μg/Kg	5	<5	4/13/92	624 & 8260
1,1-dichloroethene	<5	μg/Kg	5	<5	4/13/92	624 & 8260
1,2-dibromo-3-chloropropane	<5	μg/Kg	5	<5	4/13/92	624 & 8260
1,2-dibromoethane	<5	μg/Kg	5	<5	4/13/92	624 & 8260
1,2-dichlorobenzene	<5	µg/Кg	5	<5	4/13/92	624 & 8260
1,2-dichloroethane	<5	µg/Кg	5	<5	4/13/92	624 & 8260
1,2-dichloropropane	<5	μg/Kg	5	<5	4/13/92	624 & 8260
1,3-dichlorobenzene	<5	μg/Kg	5	<5	4/13/92	624 & 8260
1,4-dichloro-2-butene	<5	μg/Kg	5	<5	4/13/92	624 & 8260
1,4-dichlorobenzene	<5	μg/Kg	5	<5	4/13/92	624 & 8260
1,4-dioxane	<100	μg/Kg	100	<100	4/13/92	624 & 8260
2-butanone (MEK)	<100	μg/Kg	100	<100	4/13/92	624 & 8260
2-chloroethyl vinyl ether	<5	μg/Kg	5	<5	4/13/92	624 & 8260
2-hexanone	<100	μg/Kg	100	<100	4/13/92	624 & 8260
4-methyl-2-pentanone (MIBK)	<5	μg/Kg	5	<5	4/13/92	624 & 8260
Acetone	300	μg/Kg	100	<100	4/13/92	624 & 8260
Acrolein	<100	μg/Kg	100	<100	4/13/92	624 & 8260
Acrylonitrile	<100	μg/Kg	100	<100	4/13/92	624 & 8260
Benzene	<5	μg/Kg	5	<5	4/13/92	624 & 8260
Bromodichloromethane	<5	μg/Kg	5	<5	4/13/92	624 & 8260
Bromoform	<5	µg/Кg	5	<5	4/13/92	624 & 8260
Bromomethane	<10	μg/Kg	10	<10	4/13/92	624 & 8260
c-1,3-dichloropropene	<5	μg/Kg	5	<5	4/13/92	624 & 8260
Carbon disulfide	<5	μg/Kg	5	<5	4/13/92	624 & 8260
Carbon tetrachloride	<5	μg/Kg	5	<5	4/13/92	624 & 8260
Chlorobenzene	<5	μg/Kg	5	<5	4/13/92	624 & 8260
Chloroethane	<10	μg/Kg	10	<10	4/13/92	624 & 8260
Chloroform	<5	μg/Kg	5	<5	4/13/92	624 & 8260
Chloromethane	<10	μg/Kg	10	<10	4/13/92	624 & 8260
Dibromochloromethane	<5	μg/Kg	5	<5	4/13/92	624 & 8260
Dibromomethane	<5	μg/Kg	5	<5	4/13/92	624 & 8260
Ethylbenzene	500	μg/Kg	5	<5	4/13/92	624 & 8260
Iodomethane	<5	μg/Kg	5	<5	4/13/92	624 & 8260
m,p-Xylenes	570	μg/Kg	5	<5	4/13/92	624 & 8260
Methylene chloride	6	µg/Кg	5	<5	4/13/92	624 & 8260
o-Xylene	500	μg/Kg	5	<5	4/13/92	624 & 8260

Styrene	<5	µg/Кg	5	<5	4/13/92	624 & 8260
t-1,2-dichloroethene	<5	μg/Kg	5	< 5	4/13/92	624 & 8260
t-1,3-dichloropropene	<5	μg/Kg	5	<5	4/13/92	624 & 8260
Tetrachloroethene	<5	μg/Kg	5	<5	4/13/92	624 & 8260
Toluene	<5	μg/Kg	5	<5	4/13/92	624 & 8260
Trichloroethene	<5	µg/Кg	5	<5	4/13/92	624 & 8260
Trichlorofluoromethane	<5	µg/Кg	5	<5	4/13/92	624 & 8260
Vinyl acetate	<5	µg/Кg	. 5	<5	4/13/92	624 & 8260
Vinyl chloride	<10	μg/Кg	10	<10	4/13/92	624 & 8260

^{1.} Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by

Report of Analysis-Extractable Organics

Report #:

28124

Sample Name: #1Frac

<u>Parameter</u>

Result

<u>Units</u>

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by

Client: J. McNutt & Associates

640 Meadows Building

Dallas

TX 75206

Attn: Dr. James McNutt

214-691-6606

Project Description: Mobley

Sample Name: #1Frac

2:48:00

Matrix:

Report #:

waste

28124

Date/Time Taken: 4/11/92

Date/Time Received:

4/11/92

5:40:00

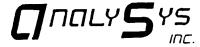
Q.A. Data Report 1

Parameter	Precision ²	Recovery 3
Oil and grease	10.2	-NA-
T.O.X.	8.2	87
Arsenic/GFAA	0	110
Barium/ICP	0.7	102
Cadmium/ICP	1.6	99
Chromium/ICP	1.1	99
Lead/ICP	2	98
Mercury/CVAA	5.1	80
Selenium/GFAA	9.5	100
Silver/GFAA	1.4	96

Volatile Surrogates:

	Surrogate
Surrogate	Recovery
1,2-dichloroethane-d4	101
Toluene-d8	103
Bromofluorobenzene	115

- 1. QA data reported is for the lot analyzed which included this sample.
- 2. Precision is the absolute value of the percent difference between duplicate measurements.
- 3. Recovery is the percent of analyte recovered from spiked samples.



4221 Freidrich Lane, Suite 190, Austin, Texas 78744-1044 [1] (512) 444-5896 [FAX: (512) 447-4766

Client: J. McNutt & Associates

Report #:

27996

640 Meadows Building

TX 75206

Report Date:

4/9/92

Dallas

1A /3.

Attn: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Sample Name: 1

Matrix:

waste

Date/Time Taken:

4/7/92

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

.					<u>Date</u>	
<u>Parameter</u>	Result	<u>Units</u>	MDL/POL(1)	Blank	Analyzed	Test Method
T.O.X.	88	mg/Kg	10	<1	4/8/92	9020
Arsenic/GFAA	<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	8.1	mg/Kg	0.20	<0.01	4/8/92	200.7&6010
Cadmium/ICP .	<0.1	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	3.5	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	µg/Кg	40	<2	4/8/92	270.2&7740
Silver/GFAA	13	μg/Kg	4	<0.2	4/8/92	272.2&7761

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

All method numbers denote USEPA procedures unless otherwise stated. "< or Less than" values reflect the nominal detection or quantitation limit (MDL/PQL) of the method employed.

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4221 Freidrich Lane, Suite 190, Austin, Texas 78744-1044 🖾 (512) 444-5896 FAX; (512) 447-4766

Client:

J. McNutt & Associates

Report #:

27997

640 Meadows Building

Report Date:

4/9/92

75206 TX

Attn: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Matrix:

waste

Sample Name: 2 Date/Time Taken:

4/7/92

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

					<u>Date</u>	
<u>Parameter</u>	Result	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	21	mg/Kg	10	<1	4/8/92	9020
Arsenic/GFAA	<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	7.4	mg/Kg	0.20	<0.01	4/8/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	< 0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	7.3	μg/Kg	4	<0.2	4/8/92	272.2&7761

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

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J. McNutt & Associates

Report #:

27998

640 Meadows Building

Report Date:

4/9/92

Dallas

TX 75206

Attn: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Matrix:

waste

Sample Name: 3 Date/Time Taken:

4/7/92

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

					Date	•
<u>Parameter</u>	Result	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	6,700	mg/Kg	10	<1	4/8/92	9020
Arsenic/GFAA	<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	4.9	mg/Kg	2.00	<0.01	4/8/92	200.7&6010
Cadmium/ICP	<1	mg/Kg	1.000	< 0.005	4/8/92	200.7&6010
Chromium/ICP	<10	mg/Kg	10.00	<0.05	4/8/92	200.7&6010
Lead/ICP	<10	mg/Kg	10.00	< 0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	< 0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/8/92	272.2&7761

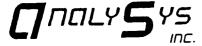
1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

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4221 Freidrich Lane, Suite 190, Austin, Texas. 78744-1044. [D] (512) 444-5896. FAN: (512) 447-4766

Client:

J. McNutt & Associates

Report #:

27999

640 Meadows Building

Report Date:

4/9/92

Dallas

TX 75206

Attn: Dr. James McNutt

214-691-6606

Date/Time Taken:

Project Description: Old AppleToyota

Sample Name: 4

Matrix:

waste

4/7/92

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

					<u>Date</u>	
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	<u>Analyzed</u>	Test Method
T.O.X.	<10	mg/Kg	10	<1	4/8/92	9020
Arsenic/GFAA	<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	8.5	mg/Kg	0.20	<0.01	4/8/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	32	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	13	μg/Kg	4	<0.2	4/8/92	272.2&7761

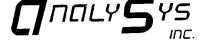
1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

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4221 Freidrich Lane, Suite 190, Austin, Texas. 78744-1044. [] (512) 444-5896. FAN: (512) 447-4766

Client:

J. McNutt & Associates

Report #:

28000

640 Meadows Building

Report Date:

4/9/92

Dallas

75206

Attn: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Matrix:

waste

Sample Name: 5 Date/Time Taken:

4/7/92

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

					Date	
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	<10	mg/Kg	10	<1	4/8/92	9020
Arsenic/GFAA	<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	7.1.	mg/Kg	0.20	<0.01	4/8/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	< 0.05	4/8/92	200.7&6010
Lead/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/8/92	272.2&7761
Chromium/ICP Lead/ICP Mercury/CVAA Selenium/GFAA	<1 <1 <5 <40	mg/Kg mg/Kg µg/Kg µg/Kg	1.00 1.00 5 40	<0.05 <0.05 <0.2 <2	4/8/92 4/8/92 4/8/92 4/8/92	200.7&6010 200.7&6010 245.1&7470 270.2&7740

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

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Client:

J. McNutt & Associates

Report #:

28001

640 Meadows Building

Report Date:

4/9/92

TX 75206

Attn: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Sample Name: 6

Matrix:

waste

Date/Time Taken:

4/7/92

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

					Date	
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	<10	mg/Kg	10	<1	4/8/92	9020
Arsenic/GFAA	<20	µg/Кg	20	<1	4/8/92	206.2&7060
Barium/ICP	11	mg/Kg	0.20	<0.01_	4/8/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	58	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/8/92	272.2&7761

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

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J. McNutt & Associates

Report #:

28002

640 Meadows Building

Report Date:

4/9/92

Dallas

TX 75206

Attn: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Sample Name: 7

47700

Matrix:

waste

Date/Time Taken:

4/7/92

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

					Date	
<u>Parameter</u>	Result	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	<10	mg/Kg	10	<1	4/8/92	9020
Arsenic/GFAA	<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	5.3	mg/Kg	0.20	< 0.01	4/8/92	200.7&6010
Cadmium/ICP	< 0.1	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	2.1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/8/92	272.2&7761

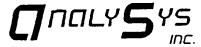
1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

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Client:

J. McNutt & Associates

Report #:

28003

640 Meadows Building

77. 75006

Report Date:

4/9/92

Dallas

TX 75206

Atm: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Sample Name: 8 Date/Time Taken:

4/7/92

Date/Time Received:

Matrix: 4/7/92

waste 5:30:00

Report of Analysis

					Date	
<u>Parameter</u>	Result	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	20	mg/Kg	10	<1 .	4/8/92	9020
Arsenic/GFAA	<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	7.2	mg/Kg	0.20	<0.01	4/8/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	7.2	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/8/92	272.2&7761

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

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OPPORTURE

Client:

J. McNutt & Associates

640 Meadows Building

TX 75206

Attn: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Sample Name: 9

Date/Time Taken: 4/7/92

Dallas

N.E. . 4

Date/Time Received:

Matrix: 4/7/92

Report #:

Report Date:

waste 5:30:00

28004

4/9/92

Report of Analysis

						Data	
<u>Parameter</u>		Result	Units	MDL/POL(1)	Blank	<u>Date</u> Analyzed	Test Method
T.O.X.		63	mg/Kg	10	<1	4/8/92	9020
Arsenic/GFAA		<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	e i a la serie di ristatata	5.7	mg/Kg	0.20	<0.01	4/8/92	200.7&6010
Cadmium/ICP		<0.1	mg/Kg	0.100	< 0.005	-4/8/92	200.7&6010
Chromium/ICP	•	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP		8.4	mg/Kg	1.00	< 0.05	4/8/92	200.7&6010
Mercury/CVAA		79	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA		<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA		<4	це/Ке	4	< 0.2	4/8/92	272 2&7761

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

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Client:

J. McNutt & Associates

Report #:

28005

640 Meadows Building

Report Date:

4/9/92

Dallas

TX 75206

Atm: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Sample Name: 10

Matrix:

waste

Date/Time Taken:

4/7/92

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

_					<u>Date</u>	
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	<10	mg/Kg	10	<1	4/8/92	9020
Arsenic/GFAA	<20	μg/Kg .	20	<1	4/8/92	206.2&7060
Barium/ICP	8.3	mg/Kg	0.20	<0.01	4/8/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	< 0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	1.9	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	μg/Kg	. 4	<0.2	4/8/92	272.2&7761

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

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J. McNutt & Associates

Report #:

28006

640 Meadows Building

Report Date:

4/9/92

Dallas

TX 75206

Attn: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Sample Name: 11

Matrix:

waste

Date/Time Taken:

4/7/92

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

					Date	
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	<10	mg/Kg	10	<1	4/8/92	9020
Arsenic/GFAA	<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	7.4	mg/Kg	0.20	< 0.01	4/8/92	200.7&6010
Cadmium/ICP	0.24	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	5.2	mg/Kg	1.00	< 0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	< 0.2	4/8/92	272.2&7761

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

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J. McNutt & Associates

Report #:

28007

640 Meadows Building

75206

Report Date:

4/9/92

Dallas

TX

Attn: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Matrix:

waste

Sample Name: 12 Date/Time Taken:

4/7/92

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

					<u>Date</u>	
<u>Parameter</u>	Result	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	<10	mg/Kg	10	<1	4/8/92	9020
Arsenic/GFAA '	<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	6.1.	mg/Kg	0.20	<0.01	4/8/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	µg/Кg	4	<0.2	4/8/92	272.2&7761

^{1.} Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

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J. McNutt & Associates

Report #:

28008

640 Meadows Building

Report Date:

4/9/92

Dallas

TX 75206

Attn: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Sample Name: 13

Matrix:

waste

Date/Time Taken:

4/7/92

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

					Date	
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	MDL/PQL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	<10	mg/Kg	10	<1	4/8/92	9020
Arsenic/GFAA	<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	5.6	mg/Kg	0.20	< 0.01	4/8/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	<1	mg/Kg	1.00	< 0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/8/92	272.2&7761

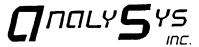
1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

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4221 Freidrich Lane, Suite 190, Austin, Texas 78744-1044 [D] (512) 444-5896 [FAX: (512) 447-4766

Client:

J. McNutt & Associates

Report #:

28009

640 Meadows Building

Report Date:

4/9/92

Dallas

75206 TX

Attn: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Matrix:

waste

Sample Name: 14 Date/Time Taken:

4/7/92

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

					<u>Date</u>	
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	<u>Analyzed</u>	Test Method
T.O.X.	<10	mg/Kg	10	<1	4/8/92	9020
Arsenic/GFAA	<20	μg/Kg	20	· <1	4/8/92	206.2&7060
Barium/ICP	8.0	mg/Kg	0.20	<0.01	4/8/92.	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/8/92	272.2&7761

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

All method numbers denote USEPA procedures unless otherwise stated. "< or Less than" values reflect the nominal detection or quantitation limit (MDL/PQL) of the method employed.

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4221 Freidrich Lanc, Suite 190, Austin, Texas (78744-1044) [] (512) 444-5896 [FAX: (512) 447-4766

Client:

J. McNutt & Associates

Report #:

28010

640 Meadows Building

Report Date:

4/9/92

Dallas

75206

Atm: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Sample Name: 15 Date/Time Taken:

4/7/92

Matrix:

waste

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

					Date	
<u>Parameter</u>	Result	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	<10	mg/Kg	10	<1	4/8/92	9020
Arsenic/GFAA	<20	µg/Кg	20	<1	4/8/92	206.2&7060
Barium/ICP	10	mg/Kg	0.20	<0.01	4/8/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	< 0.05	4/8/92	200.7&6010
Lead/ICP	12	mg/Kg	1.00	< 0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/8/92	272.2&7761

^{1.} Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

All method numbers denote USEPA procedures unless otherwise stated. "< or Less than" values reflect the nominal detection or quantitation limit (MDL/PQL) of the method employed.

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4221 Freidrich Lanc, Suite 190, Austin, Texas. 78744-1044. [] (512) 444-5896. FAX: (512) 447-4766.

Client:

J. McNutt & Associates

Report #:

28011

640 Meadows Building

Report Date:

4/9/92

Dallas

75206 TX

Attn: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Sample Name: 16 Date/Time Taken:

4/7/92

Matrix:

waste

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

_					Date_	
<u>Parameter</u>	Result	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	<10	mg/Kg	10	1.4	4/9/92	9020
Arsenic/GFAA	<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	5.1	mg/Kg	0.20	< 0.01	4/8/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	. μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/8/92	272.2&7761

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted.

Mark Krause

All method numbers denote USEPA procedures unless otherwise stated. "< or Less than" values reflect the nominal detection or quantitation limit (MDL/PQL) of the method employed.

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4221 Freidrich Lane, Suite 190, Austm. Texas. 78744-1044. [1] (512) 444-5896. FAX: (512) 447-4766

Client:

J. McNutt & Associates

Report #:

28012

640 Meadows Building

Report Date:

4/9/92

Dallas

TX 75206

Attn: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Sample Name: 17 Date/Time Taken:

4/7/92

Date/Time Received:

Matrix:

waste

4/7/92 5:30:00

Report of Analysis

					Date	
<u>Parameter</u>	Result	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	<10	mg/Kg	10	1.4	4/9/92	9020
Arsenic/GFAA	<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	5.5	mg/Kg	0.20	< 0.01	4/8/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	< 0.05	4/8/92	200.7&6010
Lead/ICP	<1	mg/Kg	1.00	< 0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/8/92	272.2&7761

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

All method numbers denote USEPA procedures unless otherwise stated. "< or Less than" values reflect the nominal detection or quantitation limit (MDL/PQL) of the method employed.

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J. McNutt & Associates

Report #:

28013

640 Meadows Building

Report Date:

4/9/92

Dallas

TX 75206

Attn: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Sample Name: 18

Matrix:

waste

Date/Time Taken:

4/7/92

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

_					<u>Date</u>	
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	<10	mg/Kg	10	1.4	4/9/92	9020
Arsenic/GFAA	<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	6.4	_mg/Kg _	0.20	<0.01	4/8/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/8/92	272.2&7761

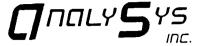
1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

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4221 Freidrich Lane, Suite 190, Austin, Texas 78744-1044 [] (512) 444-5896 FAN: (512) 447-4766

Client:

J. McNutt & Associates

Report #:

28014

640 Meadows Building

Report Date:

4/9/92

Dallas

TX 75206

Atm: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Sample Name: 19 Date/Time Taken:

. .

Matrix:

waste

4/7/92

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

					Date	
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	<10	mg/Kg	10	1.4	4/9/92	9020
Arsenic/GFAA	<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	5.8	mg/Kg	0.20	< 0.01	4/8/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	µg/Кg	4	<0.2	4/8/92	272.2&7761

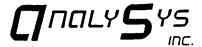
^{1.} Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

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4221 Freidrich Lane, Suite 190, Austin, Texas 78744-1044 [(512) 444-5896 FAX: (512) 447-4766

Client:

J. McNutt & Associates

Report #:

28015

640 Meadows Building

Report Date:

4/9/92

Dallas

TX 75206

Attn: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Sample Name: 20 White Paint

Matrix:

waste

Date/Time Taken:

4/7/92

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

					Date	
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	<10	mg/Kg	10	1.4	4/9/92	9020
Arsenic/GFAA	<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	1,100	mg/Kg	2.00	<0.01	4/8/92	200.7&6010
Cadmium/ICP	0.12	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	7.1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/8/92	272.2&7761

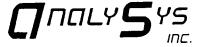
1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

All method numbers denote USEPA procedures unless otherwise stated. "< or Less than" values reflect the nominal detection or quantitation limit (MDL/PQL) of the method employed.

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4221 Freidrich Lanc, Suite 190, Austin, Texas 78744-1044 [1 (512) 444-5896 FAX: (512) 447-4760

Client:

J. McNutt & Associates

Report #:

28016

640 Meadows Building

Report Date:

4/9/92

Dallas

TX 75206

Attn: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Sample Name: 21 Black Paint

Matrix:

waste

Date/Time Taken:

4/7/92

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

					Date	
<u>Parameter</u>	Result	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	<10	mg/Kg	10	1.4	4/9/92	9020
Arsenic/GFAA	<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	5.0	mg/Kg	0.20	< 0.01	4/8/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2.	4/8/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/8/92	272.2&7761

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

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4221 Freidrich Lane, Suite 190, Austin, Texas 78744-1044 [] (512) 444-5896 FAX: (512) 447-4766

Client:

J. McNutt & Associates

Report #:

28019

640 Meadows Building

Report Date:

4/9/92

Dallas

TX 75206

Attn: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Date/Time Taken:

Sample Name: 25

4/7/92

Date/Time Received:

Matrix:

waste

4/7/92

5:30:00

Report of Analysis

_					<u>Date</u>	
<u>Parameter</u>	Result	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	<10	mg/Kg	10	1.4	4/9/92	9020
Arsenic/GFAA	<20	µg/Кg	20	<1	4/8/92	206.2&7060
Barium/ICP	6.7	mg/Kg	0.20	<0.01	4/8/92-	200.7&6010
Cadmium/ICP	0.53	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	24	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg∕Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/8/92	272.2&7761

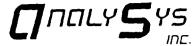
1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

All method numbers denote USEPA procedures unless otherwise stated. "< or Less than" values reflect the nominal detection or quantitation limit (MDL/PQL) of the method employed.

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4221 Freidrich Lane, Suite 190. Austin. Texas 78744-1044 [] (512) 444-5896 FAX: (5

Client: J. McNutt & Associates

Report #:

28122-

640 Meadows Building

Report Date:

4/16/9:-

Dallas

75206 TX

Attn: Dr. James McNutt

214-691-6606

Project Description: Old Apple Toyota

Sample Name: #26 AST

Matrix:

was

Date/Time Taken: 4/11/92

8

4:00:00

Date/Time Received:

4/11/92

5:40:00

Report of Analysis

see attached

Respectfully submitted,

Mark Krause

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RECEIVED

J. Molfuit & Associates, Inc. Dallas, Texas



4221 Freidrich Lanc, Suite 190, Austin, Texas. 78744-1044 [(512) 444-5896. FAX: (512) 447-4766

Client:

J. McNutt & Associates

Report #:

28017

640 Meadows Building

Report Date:

4/9/92

Dallas

TX 75206

Attn: Dr. James McNutt

214-691-6606

Project Description: Old AppleToyota

Sample Name: 22 Date/Time Taken:

2

4/7/92

•

Matrix:

waste

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

•				Date	
Result	<u>Units</u>	MDL/POL(1)	Blank	Analyzed	Test Method
<10	mg/Kg	10	1.4	4/9/92	9020
<20	μg/Kg	20	<1	4/8/92	206.2&7060
. 13	mg/Kg	0.20	<0.01	4/8/92	200.7&6010
<0.1	mg/Kg	0.100	<0.005	4/8/92	200.7&6010
<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
<5	μg/Kg	5	<0.2	4/8/92	245.1&7470
<40	μg/Kg	40	<2	4/8/92	270.2&7740
<4	μg/Kg	4	<0.2	4/8/92	272.2&7761
	<10 <20 13 <0.1 <1 <1 <5 <40	<10 mg/Kg <20 μg/Kg 13 mg/Kg <0.1 mg/Kg <1 mg/Kg <1 mg/Kg <1 μg/Kg <4 μg/Kg	<10 m/g/Kg 10 <20 μg/Kg 20 13 mg/Kg 0.20 <0.1 mg/Kg 0.100 <1 mg/Kg 1.00 <1 mg/Kg 5 <40 μg/Kg 5 <40 μg/Kg 40	<10 mg/Kg 10 1.4 <20 μg/Kg 20 <1 13 mg/Kg 0.20 <0.01 <0.1 mg/Kg 0.100 <0.005 <1 mg/Kg 1.00 <0.05 <1 mg/Kg 1.00 <0.05 <1 μg/Kg 5 <0.2 <40 μg/Kg 40 <2	<10 mg/Kg 10 1.4 4/9/92 <20 μg/Kg 20 <1 4/8/92 13 mg/Kg 0.20 <0.01 4/8/92 <0.1 mg/Kg 0.100 <0.005 4/8/92 <1 mg/Kg 1.00 <0.05 4/8/92 <1 mg/Kg 1.00 <0.05 4/8/92 <1 mg/Kg 5 <0.2 4/8/92 <5 μg/Kg 5 <0.2 4/8/92 <40 μg/Kg 40 <2 4/8/92

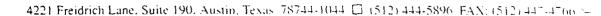
1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Mark Krause

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J. McNutt & Associates

Report #:

28018

640 Meadows Building

Report Date:

Dallas

75206

Attn: Dr. James McNutt

4/9/92

214-691-6606

Project Description: Old AppleToyota

MALYC

Sample Name: 23 and 24 Comp

Matrix:

waste

Date/Time Taken:

4/7/92

Date/Time Received:

4/7/92

5:30:00

Report of Analysis

_					Date	
<u>Parameter</u>	Result	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
T.O.X.	<10	mg/Kg	10	1.4	4/9/92	9020
Arsenic/GFAA	<20	μg/Kg	20	<1	4/8/92	206.2&7060
Barium/ICP	5.8	mg/Kg	0.20	<0:01	4/8/92-	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	< 0.005	4/8/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Lead/ICP	26	mg/Kg	1.00	<0.05	4/8/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	< 0.2	4/8/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/8/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/8/92	272.2&7761

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted.

Mark Krause

All method numbers denote USEPA procedures unless otherwise stated. "< or Less than" values reflect the nominal detection or quantitation limit (MDL/PQL) of the method employed.

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Report of Analysis

Report #:

28122

Sample Name: #26 AST

					<u>Date</u>	
Parameter	Result	<u>Units</u>	MDL/POL(1)	Blank	<u>Analyzed</u>	Test Method
Ignitability	>150	F	-NA-	-NA-	4/13/92	1010
Arsenic/GFAA	<20	μg/Kg	20	<1	4/14/92	206.2&7060
Barium/ICP	5.2	mg/Kg	0.20	< 0.01	4/13/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	<0.005	4/13/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	< 0.05	4/13/92	200.7&6010
Lead/ICP	4.9	mg/Kg	1.00	<0.05	4/13/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	< 0.2	4/13/92	245.1&7470
Selenium/GFAA	<40	μg/Kg	40	<2	4/14/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/13/92	272.2&7761

^{1.} Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Report of Analysis-Volatile Organics

28122 Report #:

#26 A ST

<u>Parameter</u>	Result	Units	MDL/POL(1)	Blank	<u>Date</u> <u>Analyzed</u>	₩.
Volatile organics-8260	see enclosed	32	THE MAIN SERVICE	<i></i>	4/13/92	62
1,1,1,2-tetrachloroethane	<250	µg/Кg	250	<250	4/13/92	02 Y
1,1,1-trichloroethane	4000	μg/Kg μg/Kg	250	<250	4/13/92	6∠
1,1,2,2-tetrachloroethane	<250	μg/Kg μg/Kg	250	<250	4/13/92	62
1,1,2-trichloroethane	<250	μg/Kg	250	<250	4/13/92	6
1,1-dichloroethane	<250	μg/Kg	250	< 250	4/13/92	62-
1,1-dichloroethene	<250	μg/Kg	250	<250	4/13/92	624
1,2-dibromo-3-chloropropane	<250	μg/Kg	250	<250	4/13/92	6.
1,2-dibromoethane	<250	μg/Kg	250	<250	4/13/92	624
1,2-dichlorobenzene	<250	μg/Kg	250	<250	4/13/92	624
1,2-dichloroethane	<250	μg/Kg	250	<250	4/13/92	62
1,2-dichloropropane	<250	μg/Kg	250	<250	4/13/92	624
1,3-dichlorobenzene	<250	µg/Кg	250	<250	4/13/92	624
1,4-dichloro-2-butene	<250	μg/Kg	250	<250	4/13/92	62
1,4-dichlorobenzene	<250	μg/Kg	250	<250	4/13/92	624
1,4-dioxane	<5000	μg/Kg	5000	<5000	4/13/92	624
2-butanone (MEK)	<5000	μg/Kg	5000	<5000	4/13/92	624
2-chloroethyl vinyl ether	<250	μg/Kg	250	<250	4/13/92	624
2-hexanone	<5000	μg/Kg	5000	<5000	4/13/92	624
4-methyl-2-pentanone (MIBK)	<250	µg/Кg	250	<250	4/13/92	624
Acetone	16000	́µg/Кg	5000	<5000	4/13/92	624
Acrolein	<5000	μg/Kg	5000	<5000	4/13/92	624
Acrylonitrile	<5000	µg/Kg	5000	<5000	4/13/92	624
Benzene	2700	μg/Kg	250	<250	4/13/92	624
Bromodichloromethane	<250	µg/Кg	250	<250	4/13/92	624
Bromoform	< 250	μg/Kg	250	<250	4/13/92	624
Bromomethane	<500	μg/Kg	500	<500	4/13/92	624
c-1,3-dichloropropene	<250	μg/Kg	250	<250	4/13/92	624
Carbon disulfide	<250	μg/Kg	250	<250	4/13/92	624
Carbon tetrachloride	<250	μg/Kg	250	<250	4/13/92	624
Chlorobenzene	<250	µg/Кg	250	<250	4/13/92	624
Chloroethane	<500	μg/Kg	500	<500	4/13/92	624
Chloroform	<250	μg/Kg	250	<250	4/13/92	624
Chloromethane	<500	μg/Kg	500	<500	4/13/92	624
Dibromochloromethane	<250	µg/Kg	250	<250	4/13/92	624
Dibromomethane	<250	μg/Kg	250	<250	4/13/92	624
Ethylbenzene	34000	μg/Kg	250	<250	4/13/92	624
Iodomethane	<250	μg/Kg	250	<250	4/13/92	624
m,p-Xylenes	130000	μg/Kg	250	<250	4/13/92	624
Methylene chloride	<250	μg/Kg	250	<250	4/13/92	624
o-Xylene	62000	µg/Kg	250	<250	1/12/02	£n'

Styrene	<250	µg/Кg	250
t-1,2-dichloroethene	<250	μg/Kg	250
t-1,3-dichloropropene	<250	µg/Кg	250
Tetrachloroethene	33000	µg/Кg	250
Toluene	97000	µg/Кg	250
Trichloroethene	<250	μg/Kg	250
Trichlorofluoromethane	<250	μg/Kg	250
Vinyl acetate	<250	μg/Кg	250
Vinyl chloride	<500	µg/Кg	500

^{1.} Method Detection Limit (MDL), principally for inorganics, or Practical Quantitatic

Client: J. McNutt & Associates

640 Meadows Building

Dallas

75206

Atm: Dr. James McNutt

214-691-6606

Project Description: Old Apple Toyota

Sample Name: #26 AST

Matrix:

Report #:

waste

28122

Date/Time Taken: 4/11/92

4:00:00

Date/Time Received: 4/11/92

5:40:00

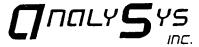
Q.A. Data Report		
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Parameter	Precision ²	Recovery ³
Arsenic/GFAA	0	110
Barium/ICP	0.7	102
Cadmium/ICP	1.6	99
Chromium/ICP	1.1	99
Lead/ICP	2	98
Mercury/CVAA	5.1	80
Selenium/GFAA	9.5	100
Silver/GFAA	1.4	96

Volatile Surrogates:

	Surrogate
Surrogate	Recovery
1,2-dichloroethane-d4	123
Toluene-d8	96
Bromofluorobenzene	121

- 1. QA data reported is for the lot analyzed which included this sample.
- 2. Precision is the absolute value of the percent difference between duplicate measurements.
- 3. Recovery is the percent of analyte recovered from spiked samples.



4221 Freidrich Lanc, Suite 190, Austin, Texas, 78744-1044 [] (512) 444-5896, FAX; (512) 447-4766

Client: J. McNutt & Associates

Report #:

28123

640 Meadows Building

Report Date:

4/16/92

Dallas

75206 TX

Attn: Dr. James McNutt

214-691-6606

Project Description: Old Apple Toyota

Sample Name: #3 resample

Matrix:

waste

Date/Time Taken: 4/11/92

4:00:00

Date/Time Received:

4/11/92

5:40:00

Report of Analysis

see attached

Respectfully submitted,

Mark Krause

All method numbers denote USEPA procedures unless otherwise stated. "Less than" values reflect the nominal detection limit of the method employed. © Copyright 1992 AnalySys, Inc., Austin, Texas. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express permission of AnalySys, Inc.

RECEIVED

J. McVdh & Applicates, inc. Delite Jenes

Report of Analysis

Report #: 28123

Sample Name: #3 resample

					Date	
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	MDL/POL(I)	Blank	Analyzed	Test Method
Ignitability	>150	F	-NA-	-NA-	4/13/92	1010
Arsenic/GFAA	69	μg/Kg	20	<1	4/14/92	206.2&7060
Barium/ICP	4.6	mg/Kg	0.20	< 0.01	4/13/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	< 0.005	4/13/92	200.7&6010
Chromium/ICP	1.4	mg/Kg	1.00	< 0.05	4/13/92	200.7&6010
Lead/ICP	<1	mg/Kg	1.00	< 0.05	4/13/92	200.7&6010
Mercury/CVAA	<5	μg/Kg	5	<0.2	4/13/92	245.1&7470
Selenium/GFAA	7 7	μg/Kg	40	<2	4/14/92	270.2&7740
Silver/GFAA	<4	μg/Kg	4	<0.2	4/13/92	272.2&7761

^{1.} Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Report of Analysis-Volatile Organics

Report #: 28123

Sample Name: #3 resample

					Date	
<u>Parameter</u>	Result	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
Volatile organics-8260	see enclosed				4/13/92	624 & 8260
1,1,1,2-tetrachloroethane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1,1,1-trichloroethane	<12500	µg/Кg	12500	<12500	4/13/92	624 & 8260
1,1,2,2-tetrachloroethane	<12500	µg/Кg	12500	<12500	4/13/92	624 & 8260
1,1,2-trichloroethane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1,1-dichloroethane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1,1-dichloroethene	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1,2-dibromo-3-chloropropane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1,2-dibromoethane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1,2-dichlorobenzene	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1,2-dichloroethane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1,2-dichloropropane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1,3-dichlorobenzene	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1,4-dichloro-2-butene	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1,4-dichlorobenzene	<12500	µg/Кg	12500	<12500	4/13/92	624 & 8260
4.4-dioxane	<250000	µg/Кg	3E+05	<250000	4/13/92	624 & 8260
2-butanone (MEK)	<250000	µg/Кg	3E+05	<250000	4/13/92	624 & 8260
2-chloroethyl vinyl ether	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
2-hexanone	<250000	μg/Kg	3E+05	<250000	4/13/92	624 & 8260
4-methyl-2-pentanone (MIBK)	<12500	. µg/Кg	12500	<12500	4/13/92	624 & 8260
Acetone	<250000	µg/Кg	3E+05	<250000	4/13/92	624 & 8260
Acrolein	<250000	µg/Кg	3E+05	<250000	4/13/92	624 & 8260
Acrylonitrile	<250000	µg/Кg	3E+05	<250000	4/13/92	624 & 8260
Benzene	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
Bromodichloromethane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
Bromoform	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
Bromomethane	<25000	μg/Kg	25000	<25000	4/13/92	624 & 8260
c-1,3-dichloropropene	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
Carbon disulfide	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
Carbon tetrachloride	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
Chlorobenzene	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
Chloroethane	<25000	μg/Кg	25000	<25000	4/13/92	624 & 8260
Chloroform	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
Chloromethane	<25000	μg/Kg	25000	<25000	4/13/92	624 & 8260
Dibromochloromethane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
Dibromomethane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
Ethylbenzene	39000	µg/Кg	12500	<12500	4/13/92	624 & 8260
Iodomethane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
m,p-Xylenes	140000	μg/Kg	12500	<12500	4/13/92	624 & 8260
Methylene chloride	15000	μg/Kg	12500	<12500	4/13/92	624 & 8260
o-Xylene	70000	μg/Kg	12500	<12500	4/13/92	624 & 8260
		70-0			.,, -	

Styrene t-1,2-dichloroethene t-1,3-dichloropropene Tetrachloroethene Toluene Trichloroethene Trichlorofluoromethane Vinyl acetate	<12500 <12500 <12500 <12500 49000 <12500 <12500 <12500	µg/Kg µg/Kg µg/Kg µg/Kg µg/Kg µg/Kg µg/Kg µg/Kg µg/Kg	12500 12500 12500 12500 12500 12500 12500 12500	<12500 <12500 <12500 <12500 <12500 <12500 <12500 <12500	4/13/92 4/13/92 4/13/92 4/13/92 4/13/92 4/13/92 4/13/92 4/13/92	624 & 8260 624 & 8260
Vinyl acetate Vinyl chloride	<12500 <25000	µg/Кg µg/Кg	12500 25000	<12500 <25000	4/13/92 4/13/92	624 & 8260

^{1.} Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by

Client: J. McNutt & Associates Report #:

640 Meadows Building

Dallas TX 75206

Attn: Dr. James McNutt 214-691-6606

Project Description: Old Apple Toyota

Sample Name: #3 resample Matrix: waste

28123

Date/Time Taken: 4/11/92 4:00:00 Date/Time Received: 4/11/92 5:40:00

Q.A. Data Report 1

Parameter	Precision ²	Recovery 3
Arsenic/GFAA	0	110
Barium/ICP	0.7	102
Cadmium/ICP	1.6	99
Chromium/ICP	1.1	99
Lead/ICP	2	98
Mercury/CVAA	5.1	80
Selenium/GFAA	9.5	100
Silver/GFAA	1.4	96

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Volatile Surrogates:

	Surrogate
Surrogate	Recovery
1,2-dichloroethane-d4	89
Toluene-d8	102
Bromofluorobenzene	119

- 1. QA data reported is for the lot analyzed which included this sample.
- 2. Precision is the absolute value of the percent difference between duplicate measurements.
- 3. Recovery is the percent of analyte recovered from spiked samples.

	OF-CUSTODY c/PO#: Apple Togota	Sampler:	Grade 1	2 Kin		4221 Freidrich Land Affiliation	e, Suite 190, Aust	in, TX 78744
	orts to: J. M. N.	<u> </u>	(Company	Name)	J. N	McNoff + A	4600	(Attn)
Bill to (if dif	ferent):	(Company	Name) _				(Attn)
AnalySys Sample #	Sample Desrciption	Number o Container		Time Sampled	BIENI	``	ses Request	
#3 resemple	28125	ス	4/11/92	4:00pm		TOLFA	ejala Gola	ert Scan
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otherwise on this (I MIS for soils and 8020/P&T for wate Chain-of-custody and/or attached doc imits (MDLAPQL).							
Special bill	ing instructions (see bac	k) YES	NO (to be cor	npletec	l by AnalySys	, Inc. person	nnel only)
Samp	ole Relinquished By		San	nple Rec	ieved	By	Date	Time
Name	e Affiliation	on	Name,		Λſ	filiation	1 ,	

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

CHAIN-OF-CUSTODY	Cŀ	IA	IN	I-O	[F_	CU	JS	ΓO	D	Y	7
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CINCLY SYS, INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744

Project Nam	nc/PO#:'`_	Pople Togeta S	Sampler: <u>1</u>	MIKELO	J6 MI	BLET	(a)	\ffiliation		
Address Reports to:				(Company	Name	(∆ttn)			
Bill to (if di	fferent):_			(Company	Name	JM	N1	1691-10606	<u>c.</u> (Attn)
AnalySys Sample #		Sample esrciption	Number e Containe		Time Sampl		WIII.	Please attach ex	ses Requesto	
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	Chain-of-cust	and 8020/P&T for waters tody and/or attached docur PQL).								
Special bill	ling instr	uctions (see back	YES	NO (to be c	omple	ted	by AnalySys	s, Inc. person	nel only)
Sample Relinquished By				Sar	ecieve	ed	Ву	Date	Time	
Nam	ic /	Affiliation	1	Name.			۸n	filiation		
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[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

II to (if different):	(Company Name)									
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[Tendering of above described samples to AnalySvs, Inc. for analytical terting constitutes pareement by buy of ample 19

CHAIN-OF-CUSTODY	·.	4221 1
Project Name/PO#:	_ Sampler: Stephan J. Krogh	Affil
Address Reports to: Dr. v. Mc		

Affiliation X. A	le Notto A650C
J. Mc Notta K	ssoc (Attn)

 $_{(\Delta ttn)}$

Bill to (if different):______(Company Name)

	AnalySys Sample #	Sample Desrciption	Number of Containers	Date Sampled	Time Sampled	BIL	XVI)	Analyses Requested (3) Please attach explanatory information as required
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(1) Method 8020/AHS for soils and 8020/P&T for waters unless otherwise specified. (2) Method 418.1 unless otherwise specified. (3) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MDL/PQL).

NO (to be completed by AnalySys, Inc. personnel only) YES Special billing instructions (see back)

Sample Reli	nquished By	Sample l	Sample Recieved By					
Name	Affiliation	Names	Affiliation					
Stephen THOGh	IMA	Seo n Kiril	AST.	4-7-92	17:30			
Sun Se O Seoch	<i>'</i>							

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

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	eidrich Lan				

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Bill to (if diffe	erent):	(C	Company	Name) _				
AnalySys Sample #	Sample Desrciption	Number of Containers	Date Sampled	Time Sampled	BIE	IPI O	Analy Please attach co	ses Reques
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(1) Method 8020/AII otherwise on this Cha normal reporting lim	IS for soils and 8020/P&T for water nin-of-custody and/or attached docu its (MDLA'QL). g instructions (see bac	umentation, all analy	ses will be co	nducted using	ASI's i	nethod	of choice and all	
Special billin								
·	e Relinquished By		San	nple Rec	ieve	l By	,	Date

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

normal reporting limits (MDL/PQL).

Special billing instructions (see back) YES

221 Freidrich Lane, Suje 190, Austin, TX 78744

NO \ (to be completed by AnalySys, Inc. personnel only)

	orts to: ferent):						(Attn)
AnalySys Sample #	Sample Desrciption	Number of Containers	Date Sampled	Time Sampled	BIE	in in	Analyses Requested (3) Please attach explanatory information as req
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Sample Reling	uished By	Sample	Sample Recieved By				
Name	Name Affiliation		Affiliation				
Sharley They		San Vizi B	AST	11-7.42	1270		

Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

CHAIN-OF-CUSTODY Project Name/PO#: Apple Toggeta	Sampler: <u>Hept</u>	In J. Jroy	4221 Preidrich Lane, Suite 190, Austin, TX 78744 Affiliation
Address Reports to: J. Mc Noff	/(Comp:	any Name)	J. McNitt & ASSOC (Attn)
Bill to (if different):	(Compa	any Name) _	(Attn)
AnalySys Sample Sample # Desrciption	Number of Containers Sam	te Time pled Sampled	RIFTEN Analyses Requested (3) Please attach explanatory information as required

AnalySys Sample #	Sample Desrciption	Number of Containers	Date Sampled	Time Sampled	RIFTEN Analyses Requested (3) Please attach explanatory information as required
#3 resempl		ス	4/11/92	4:00pm	
					Closed Cup flack X
#26 AST		2	4/11/92	4:00	Trip 8 Wetch
			1		Claud capplast pt

(1) Method 8020/AHS for soils and 8020/P&T for waters unless otherwise specified. (2) Method 418.1 unless otherwise specified. (3) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MDL/PQL).

Special billing instructions (see back) YES NO (to be completed by AnalySys, Inc. personnel only)

Sample Relin	quished By	Sample	Recieved By	Date	Time
Name	Affiliation	Name,	Affiliation	1 ,	
Staten Rich	J. Mcharla Acca	adul	ASTI	4/11/92	5:40,00
A 7 - 1/- /				7 7	

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

APPENDIX C.

MANIFESTS FOR TRANSPORTATION
AND DISPOSAL OF USED OIL

10.2	0.5	-0-
N_0	$\Gamma G U$	L535

CHARACTERIZAT	TION INFORMATION
Generating Facility Name: Apple Toyot.	· .
Generating Facility Address: 805 W. 5th	st. Austin Tx
Business Name: Conscice Tre	
Mailing Address: 5949 Sherry Ln. 77 17	250 Dulles TR
Telephone (247214 691-6066	
Contractor Name/Contact: Mc Nuff & As	societes WCF# 000158
Process Generating the Fluid (Check the Appropriate F Underground Storage Tank Remediation/Corrective Unleaded Gasoline Diesel Aviation Fuel Tank Hold Evacuation UST Monitoring Well Fluid Used Motor Oil from Vehicle Maintenance Facility *Used oil from industrial and manufacturing sites re Total Quantity (Gallons): Bulk (X) Dr Generator Representative (Print):	rocess/Fluid Type): Action Fluid Off-Specification Product (Reclamation for Originally Intended Purpose) Unleaded Gasoline Diesel Aviation Fuel y* quires pre-approval um Evacuation ()
TRÂNSPORTE	RINFORMATION
V.11. G. T	000 000 0000
Name Mobley Co., Inc.	Telephone 800-999-8628
Name Mobley Co., Inc. EPA Transporter ID TXD000807925	Telephone 800-999-8628
Name Mobley Co., Inc.	Telephone 800-999-8628 State ID 40303 Truck No. 80
Name Mobley Co., Inc. EPA Transporter ID TXD000807925	Telephone 800-999-8628
Name Mobley Co., Inc. EPATransporter ID TXD000807925 S Driver's Name (Print) Closs B/zo/qz Date	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature
Name Mobley Co., Inc. EPATransporter ID TXD000807925 S Driver's Name (Print) Closs B/zo/qz Date	Telephone 800-999-8628 State ID 40303 Truck No. 80
Name Mobley Co., Inc. EPATransporter ID TXD000807925 S Driver's Name (Print) Closs B/zo/qz Date	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature
Name Mobley Co., Inc. EPATransporter ID TXD000807925 Driver's Name (Print) Closs Blook q z Date MOBLEY COMPANY :	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY
NameMobley Co., Inc. EPATransporter IDTXD000807925 S. Driver's Name (Print)	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East
Name Mobley Co., Inc. EPATransporter ID TXD000807925 Driver's Name (Print) Cross B/ZO/9z Date MOBLEY COMPANY I Kilgore Oil Recycling Address Wickes St. City/State: Kilgore, TX 75662	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110
Name Mobley Co., Inc. EPATransporter ID TXD000807925 Driver's Name (Print) Closs Blook gr Date MOBLEY COMPANY I Kilgore Oil Recycling Address Wickes St. City/State: Kilgore, TX 75662 Telephone: 903-984-5761	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188
NameMobley Co., Inc. EPATransporter IDTXD000807925 Driver's Name (Print)	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095
Name	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095 listed product.
Name	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095 listed product.
Name	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095 listed product.

Nº 051508

CHARACTERIZAT	TION INFORMATION		
Generating Facility Name: Apple Toyota			
Generating Facility Address: 805 W. 5th 5t Austin TX			
Business Name: Conerica Inc. Mailing Address: 5949 Sherry In #1250 Dellas TA			
Mailing Address: 5949 Sherry Ln #1	250 Dellas TA		
Telephone (214) 691-6066			
Telephone (214) 691-6066 Contractor Name/Contact: MS Nut+ + As	sociates WCF# 000159		
Process Generating the Fluid (Check the Appropriate Process/Fluid Type): Underground Storage Tank Remediation/Corrective Action Fluid Off-Specification Product (Reclamation for Originally Intended Purpose) Diesel Unleaded Gasoline Aviation Fuel Diesel Tank Hold Evacuation Diesel UST Monitoring Well Fluid Used Motor Oil from Vehicle Maintenance Facility* *Used oil from industrial and manufacturing sites requires pre-approval Total Quantity (Gallons): Bulk (M. Drum Evacuation ()			
Generator Representative (Print): STEPHEN J			
Title: Verilagy 57	Date of Service: 8/20/42		
	TATEODREATTON		
· · · · · · · · · · · · · · · · · · ·	R-INFORMATION		
Name Mobley Co., Inc.	Telephone 800-999-8628		
Name Mobley Co., Inc. EPATransporter ID TXD000807925S			
Name Mobley Co., Inc. EPA Transporter ID TXD000807925 S Driver's Name (Print) Coss	Telephone800-999-8628		
Name Mobley Co., Inc. EPATransporter ID TXD000807925 S Driver's Name (Print) Tim Cross	Telephone 800-999-8628 State ID 40303 Truck No. 80		
Name Mobley Co., Inc. EPA Transporter ID TXD000807925 S Driver's Name (Print) Coss	Telephone800-999-8628		
Name Mobley Co., Inc. EPATransporter ID TXD000807925 S Driver's Name (Print) Tim Cross Date	Telephone 800-999-8628 State ID 40303 Truck No. 80		
Name Mobley Co., Inc. EPATransporter ID TXD000807925 S Driver's Name (Print) Tim Cross Date MOBLEY COMPANY I	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature		
Name Mobley Co., Inc. EPATransporter ID TXD000807925 S Driver's Name (Print) Tom Coss Date MOBLEY COMPANY I	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation		
NameMobley Co., Inc. EPATransporter IDTXD000807925 S. Driver's Name (Print)	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Highway 31 East		
NameMobley Co., Inc. EPATransporter IDTXD000807925 S. Driver's Name (Print)	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110		
NameMobley Co., Inc. EPATransporter IDTXD000807925 S. Driver's Name (Print)	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188		
NameMobley Co., Inc. EPATransporter IDTXD000807925 S. Driver's Name (Print)	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095		
Name Mobley Co., Inc. EPA Transporter ID TXD000807925 S Driver's Name (Print) Coss Date MOBLEY COMPANY I Kilgore Oil Recycling Address Wickes St. City/State: Kilgore, TX 75662 Telephone: 903-984-5761 EPA ID TXD982560005 TWC Reg. No. 38224	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095		
NameMobley Co., Inc. EPA Transporter IDTXD000807925 S. Driver's Name (Print)	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095 State ID TXD988059291 TWC Reg. No. 20095		
NameMobley Co., Inc. EPA Transporter IDTXD000807925 S. Driver's Name (Print)	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095 State ID TXD988059291 TWC Reg. No. 20095		

Gold - Generator's 1st Copy

White - Generator - Original

Nº 051540

CHARACTERIZATION INFORMATION			
Generating Facility Name: Apple Toyota			
Generating Facility Address: 865 W 5 ^{±1} St. Austin TX	_		
Generating Facility Address: OCS 90 3 51- 1/25(12 12	_		
Business Name: Comerica Inc. Mailing Address: 5949 Sherry Ln. # 1250 Dallas Tx			
Mailing Address: 3749 Sherry Ch. 1280 Dallas IX			
Telephone (714) 691-6066 Contractor Name/Contact: MC Nuff & FISS crietes wicf # 000 160			
$oldsymbol{\cdot}$			
Process Generating the Fluid (Check the Appropriate Process/Fluid Type): Underground Storage Tank Remediation/Corrective Action Fluid Unleaded Gasoline Diesel Aviation Fuel Tank Hold Evacuation UST Monitoring Well Fluid Used Motor Oil from Vehicle Maintenance Facility* *Used oil from industrial and manufacturing sites requires pre-approval			
Total Quantity (Gallons): 60 Bulk (X) Drum Evacuation ()			
Generator Representative (Print): STEPHEN T KROCH Signature:			
Title: Ledos15h Date of Service: 8/20/87			
	_		
TRANSPORTER INFORMATION			
TRANSPORTER INFORMATION			
Malla da Tar	•		
Name Mobley Co., Inc Telephone 800-999-8628	<u>-</u>		
Name Mobley Co., Inc. Telephone 800-999-8628 EPA Transporter ID TXD000807925 State ID 40303 Truck No. 800-999-8628	 		
Name Mobley Co., Inc. Telephone 800-999-8628 EPA Transporter ID TXD000807925 State ID 40303 Truck No. 800-999-8628			
Name Mobley Co., Inc. Telephone 800-999-8628 EPA Transporter ID TXD000807925 State ID 40303 Truck No. 800 Driver's Name (Print) T.m. Cross Cross <td></td>			
Name Mobley Co., Inc. Telephone 800-999-8628 EPA Transporter ID TXD000807925 State ID 40303 Truck No. 800-999-8628 Driver's Name (Print) T.m. Cross Driver's Signature			
Name Mobley Co., Inc. Telephone 800-999-8628 EPA Transporter ID TXD000807925 State ID 40303 Truck No. 80 Driver's Name (Print) T.m. Cross Image: Company of the c			
Name Mobley Co., Inc. Telephone 800-999-8628 EPATransporter ID TXD000807925 State ID 40303 Truck No. 80 Driver's Name (Print) T.m. Cross Date Driver's Signature MOBLEY COMPANY RECYCLING FACILITY			
Name Mobley Co., Inc. Telephone 800-999-8628 EPA Transporter ID TXD000807925 State ID 40303 Truck No. Driver's Name (Print) T.m. Cross B/z0/52 Date MOBLEY COMPANY RECYCLING FACILITY Kilgore Oil Recycling			
Name Mobley Co., Inc. Telephone 800-999-8628 EPATransporter ID TXD000807925 State ID 40303 Truck No. 80 Driver's Name (Print) T.m. C coss Date Driver's Signature MOBLEY COMPANY RECYCLING FACILITY Kilgore Oil Recycling Corsicana Fuel Reclamation Address Wickes St. Address: Highway 31 East	- - - -		
Name Mobley Co., Inc. Telephone 800-999-8628 EPATransporter ID TXD000807925 State ID 40303 Truck No. 80 Driver's Name (Print) Tom Coss Date Driver's Signature MOBLEY COMPANY RECYCLING FACILITY Kilgore Oil Recycling Corsicana Fuel Reclamation Address Wickes St. Address: Highway 31 East City/State: Kilgore, TX 75662 City/State: Corsicana, TX 75110	- - - - - -		
Name Mobley Co., Inc. Telephone 800-999-8628 EPA Transporter ID TXD000807925 State ID 40303 Truck No. Driver's Name (Print) T. M. Cross B/z0/52 Date MOBLEY COMPANY RECYCLING FACILITY MOBLEY COMPANY RECYCLING FACILITY Kilgore Oil Recycling Corsicana Fuel Reclamation Address Wickes St. Address: Highway 31 East City/State: Kilgore, TX 75662 City/State: Corsicana, TX 75110 Telephone: 903-984-5761 Telephone: 903-874-1188			
Name	— — — — — — — 5		
Name Mobley Co., Inc. EPA Transporter ID TXD000807925 State ID 40303 Truck No. BO Driver's Name (Print) T.m. Cross B/20/57 Date Driver's Signature MOBLEY COMPANY RECYCLING FACILITY MOBLEY COMPANY RECYCLING FACILITY Corsicana Fuel Reclamation			
Name			
Name Mobley Co., Inc. Telephone 800-999-8628 EPA Transporter ID TXD000807925 State ID 40303 Truck No. Driver's Name (Print) Cross B/z0/52 Date MOBLEY COMPANY RECYCLING FACILITY MOBLEY COMPANY RECYCLING FACILITY Kilgore Oil Recycling			
Name Mobley Co., Inc. Telephone 800-999-8628 EPA Transporter ID TXD000807925 State ID 40303 Truck No. Driver's Name (Print) Cross B/z0/52 Date MOBLEY COMPANY RECYCLING FACILITY MOBLEY COMPANY RECYCLING FACILITY Kilgore Oil Recycling			

$\begin{array}{c} \text{MOBLEY COMPAN1} \\ \text{UST REMEDIATION FLUID / OFF-SPECIFICATION PRODUCT} \\ \text{MANIFEST} & N.^0 \quad 051539 \end{array}$

CHARACTERIZATION INFORMATION			
Commenting Position Name: Apple Toyota			
Generating Facility Name: Apple Toyota Generating Facility Address: 805 w. 5th St. Austin Tx			
Business Name: Conerica Inc.			
Mailing Address: 5949 Sherry Ln # 1250 Dollas TX			
Telephone (214) 691-6066			
Contractor Name/Contact: Me Nutt > Associates			
Process Generating the Fluid (Check the Appropriate Process/Fluid Type): Underground Storage Tank Remediation/Corrective Action Fluid Unleaded Gasoline Diesel Aviation Fuel Tank Hold Evacuation UST Monitoring Well Fluid Used Motor Oil from Vehicle Maintenance Facility* *Used oil from industrial and manufacturing sites requires pre-approval			
Total Quantity (Gallons): 60 Bulk (1) Drum Evacuation ()			
Generator Representative (Print): STEPHEN J NROCH Signature:			
Title: 620/09/57 Date of Service: 6/20/92			
TRANSPORTER INFORMATION			
Name Mobley Co., Inc. Telephone 800-999-8628			
Name Telephone 800-999-8628			
Traille Telephone			
EPA Transporter ID TXD000807925 State ID 40303 Truck No. 86			
EPA Transporter ID TXD000807925 State ID 40303 Truck No. 800 Driver's Name (Print) 1/m Cross fine from the fine f			
EPA Transporter ID TXD000807925 State ID 40303 Truck No. 8 Driver's Name (Print) 1/m Cross			
EPATransporter ID TXD000807925 State ID 40303 Truck No. 80 Driver's Name (Print) 1/m Cross B/20/97 Date Driver's Signature			
EPA Transporter ID TXD000807925 State ID 40303 Truck No. 800 Driver's Name (Print) 1/m Cross fine from the fine f			
EPATransporter ID TXD000807925 State ID 40303 Truck No. 80 Driver's Name (Print) 7 m C ross B/20/97 Date Driver's Signature MOBLEY COMPANY RECYCLING FACILITY			
EPA Transporter ID TXD000807925 State ID 40303 Truck No. State ID No. State ID Truck No. State ID No. State I			
EPA Transporter ID TXD000807925 State ID 40303 Truck No. Boriver's Name (Print) Truck No. Boriver's Name (Print) Truck No. Boriver's Signature MOBLEY COMPANY RECYCLING FACILITY Kilgore Oil Recycling Corsicana Fuel Reclamation Address Wickes St. Address: Highway 31 East			
EPA Transporter ID TXD000807925 State ID 40303 Truck No. 8 Driver's Name (Print) 7 m C rosc B/20/97 Date Driver's Signature MOBLEY COMPANY RECYCLING FACILITY Kilgore Oil Recycling Corsicana Fuel Reclamation Address Wickes St. Address: Highway 31 East City/State: Kilgore, TX 75662 City/State: Corsicana, TX 75110			
EPATransporter ID TXD000807925 State ID 40303 Truck No. Driver's Name (Print) Truck No. Briver's Name (Print) Truck No. Briver's Name (Print) Truck No. Briver's Signature MOBLEY COMPANY RECYCLING FACILITY Kilgore Oil Recycling Corsicana Fuel Reclamation Address Wickes St. Address: Highway 31 East City/State: Kilgore, TX 75662 City/State: Corsicana, TX 75110 Telephone: 903-984-5761 Telephone: 903-874-1188			
TXD000807925 State ID 40303 Truck No. State ID 20095			
EPA Transporter ID TXD000807925 State ID 40303 Truck No. State ID Driver's Name (Print) Time Crosc Driver's Signature MOBLEY COMPANY RECYCLING FACILITY Kilgore Oil Recycling			
TXD000807925 State ID 40303 Truck No. State ID 20095			
EPA Transporter ID TXD000807925 State ID 40303 Truck No. State ID Driver's Name (Print) Time Crosc Driver's Signature MOBLEY COMPANY RECYCLING FACILITY Kilgore Oil Recycling			

CHARACTERIZATION INFORMATION Generating Facility Name: Hople To yota Generating Facility Address: 805 W. 51 54 Business Name: Comerica Inc. Mailing Address: 5949 Telephone (214) 691-6066 Associate Wef# 000163 Contractor Name/Contact: __MC Nutf Process Generating the Fluid (Check the Appropriate Process/Fluid Type): Underground Storage Tank Remediation/Corrective Action Fluid Off-Specification Product (Reclamation ☐ Unleaded Gasoline for Originally Intended Purpose) ☐ Diesel ☐ Unleaded Gasoline ☐ Aviation Fuel □ Diesel ☐ Tank Hold Evacuation ☐ Aviation Fuel ☐ UST Monitoring Well Fluid ☑ Used Motor Oil from Vehicle Maintenance Facility* *Used oil from industrial and manufacturing sites requires pre-approval Total Quantity (Gallons): 60 ____ Bulk (🔀 Drum Evacuation () Generator Representative (Print): 57EPHEN T NROW Signature: Date of Service: 8/ TRANSPORTER INFORMATION Mobley Co., Inc. _____Telephone ____ Name TXD000807925 40303 Truck No. 80 EPA Transporter ID____ Driver's Name (Print) 8/20/92 Driver's Signature Date MOBLEY COMPANY RECYCLING FACILITY Kilgore Oil Recycling ☐ Corsicana Fuel Reclamation Highway 31 East Address: ____ Wickes St. Address _____ Kilgore, TX 75662 Corsicana, TX 75110 City/State:____ City/State: _____ 903-984-5761 903-874-1188 Telephone: Telephone:_____ TXD988059291 TWC Reg. No. 20095 EPA ID TXD982560005 TWC Reg. No. 38224 EPA ID____ I certify that I have received into this facility the above listed product. Facility Operator's Name (Print)_____ Facility Operator's Signature Date Received

White - Generator - Original THE PRINT SHOP-MARSHALL

Canary - TSD

Pink - Transporter

Gold - Generator's 1st Copy

051541

Nº 051542

_		
	CHARACTERIZATION	N INFORMATION
	Generating Facility Name: Apple Toyo	
	Generating Facility Address: 805 W. 5世 St F	Austin TX
	Business Name: Comorieu Inc.	
	Mailing Address: 5949 Sherry Ln. #129	so alles TX
	Telephone (714) 691 - 6066	
	Contractor Name/Contact: MC Nuft & Assoc	ciate, Wif# 000176
-	Process Generating the Fluid (Check the Appropriate Proce Underground Storage Tank Remediation/Corrective Acti Unleaded Gasoline Diesel Aviation Fuel Tank Hold Evacuation UST Monitoring Well Fluid Used Motor Oil from Vehicle Maintenance Facility*	off-Specification Product (Reclamation for Originally Intended Purpose) ☐ Unleaded Gasoline ☐ Diesel ☐ Aviation Fuel
,	*Used oil from industrial and manufacturing sites require	
1	Total Quantity (Gallons): 60 Bulk (X) Drum F	
_	Generator Representative (Print): STEPHEN J KI	
	Title: 60009157	Date of Service: 8/70/97
	TRANSPORTER IN	TEODMATION
	NameMobley Co., Inc.	Telephone800-999-8628
		e ID 40303 Truck No. 80
•	Driver's Name (Print) 1 cm (ross	
	Date /	Driver's Signature
	MOBLEY COMPANY REC	CYCLING FACILITY
•	Kilgore Oil Recycling	☐ Corsicana Fuel Reclamation
		77' 1 04 77 4
-		ddress: Highway 31 East
	City/State: Kilgore, TX 75662	ddress: Highway 31 East Corsicana, TX 75110
		Corsicana, TX 75110 elephone: 903-874-1188
	Telephone: 903-984-5761 Telephone	Corsicana, TX 75110 elephone: 903-874-1188 PA ID TXD988059291 TWC Reg. No. 20095
	Telephone: 903-984-5761 Total EPA ID TXD982560005 TWC Reg. No. 38224 Expression	Corsicana, TX 75110 elephone: 903-874-1188 PA ID TXD988059291 TWC Reg. No. 20095
	Telephone: 903-984-5761 Telephone: 903-984-5761 Telephone: TXD982560005 TWC Reg. No. 38224 E I certify that I have received into this facility the above lister Facility Operator's Name (Print)	Corsicana, TX 75110 elephone: 903-874-1188 PA ID TXD988059291 TWC Reg. No. 20095 ed product.
	Telephone: 903-984-5761 To EPA ID TXD982560005 TWC Reg. No. 38224 E. I certify that I have received into this facility the above lister	Corsicana, TX 75110 elephone: 903-874-1188 PA ID TXD988059291 TWC Reg. No. 20095 ed product.

MOBLEY COMPANY BILL OF LADING

Nº 002657

MATERIAL IN	NFORMATION
Business Name Apple Toyota Closal	OAR LUT
Address Bos war 557	
Telephone () Hustin Ta To	
Contractor	CF# 000/97
☐ UST/ Removal/Remediation Activity ☐ UST	'/ Petroleum Tank Maintenance*
☐ Free Product*	d Oil r <i>5p://</i>
□ Water □ Other	
*This material is considered an off-specification product	which will be reclaimed for its originally intended purpose.
I certify that the material(s) removed from the above 40 CFR 261.	premises is/are not hazardous waste as identified in
Generator Representative (Print) \times STEPHEN	J KROGH
	+ 1 Ortial
3-28-92 Date Serviced	Generator Representative Signature
TRANSPORTER	INFORMATION
Makkan Co. Tao	200 000 9690
Name Mobley Co., Inc.	Telephone
EPA Transporter ID TXD000807925	
Driver's Name (Print)	11704 AS
7-20-6.	Mis of
<u>3-28-82</u> Date	Driver's Signature
MOBLEY COMPANY R	ECYCLING FACILITY
,	
Kilgore Oil Reclamation	☐ Corsicana Fuel Recovery
Address Wickes St.	Address: Highway 31 East
City/State: Kilgore, TX 75662	City/State: Corsicana, TX 75110
Telephone: 903-984-5761	Telephone: 903-874-1188
EPA ID TXD982560005 State ID 38224	EPA ID TXD State ID
I certify that I have received into this facility the above l	
Site Operator Name (Print) John Lynn	•
Site Operator Name (Frint)	
Site Operator Name (Frint)	7.104
B/22/92 Date Received	Site Operator Signature

MOBLEY COMPANY BILL OF LADING

Nº 002656

MATERIAL	INFORMATION
Business Name And Closed CHR	- Lot Apple Toyota
Address 805 West 5 ST	
Telephone () Aust.w To	Total Quantity (gallons)
Contractor	CF# 000 700
☐ UST/ Removal/Remediation Activity ☐ US	ST/ Petroleum Tank Maintenance*
☐ Free Product*	ed Oil er <u>Sp://</u>
	·
	t which will be reclaimed for its originally intended purpose.
40 CFR 261.	ve premises is/are not hazardous waste as identified in
Generator Representative (Print) STEPHE	NT KROHI
	#10/11
3-7-7-52	Generator Representative Signature
TRANSPORTE	R INFORMATION
	•
	Telephone800-999-8628
EPA Transporter ID TXD000807925	State ID 40303 Truck 70
Driver's Name (Print)	
Driver's Name (Print)	prila THOMAS
	Mia Homas
Driver's Name (Print)	prila THOMAS
Driver's Name (Print)	Mila Hom As Mila Stanis Driver's Signature
Driver's Name (Print)	Mia Homas
Driver's Name (Print) 3-27-52 Date MOBLEY COMPANY	Mila Hom AS Driver's Signature RECYCLING FACILITY
Driver's Name (Print) 3-27-52 Date MOBLEY COMPANY Kilgore Oil Reclamation	Driver's Signature Corsicana Fuel Recovery
Driver's Name (Print) 3-27-52 Date MOBLEY COMPANY Kilgore Oil Reclamation Address Wickes St.	Driver's Signature Corsicana Fuel Recovery Address: Highway 31 East
Driver's Name (Print) 3-27-52 Date MOBLEY COMPANY Kilgore Oil Reclamation Address Wickes St. City/State: Kilgore, TX 75662	Driver's Signature RECYCLING FACILITY Corsicana Fuel Recovery Address: Highway 31 East
Driver's Name (Print) 3-27-52 Date MOBLEY COMPANY Kilgore Oil Reclamation Address Wickes St. City/State: Kilgore, TX 75662	Driver's Signature Corsicana Fuel Recovery Address: City/State: Corsicana, TX 75110 Telephone: 903-874-1188
Driver's Name (Print) 3-27-52 Date MOBLEY COMPANY Kilgore Oil Reclamation Address Wickes St. City/State: Kilgore, TX 75662 Telephone: 903-984-5761	Driver's Signature Corsicana Fuel Recovery Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD State ID
Driver's Name (Print) 3-27-52 Date MOBLEY COMPANY Kilgore Oil Reclamation Address Wickes St. City/State: Kilgore, TX 75662 Telephone: 903-984-5761 EPA ID TXD982560005 State ID 38224 I certify that I have received into this facility the above	Driver's Signature Corsicana Fuel Recovery Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD State ID
Driver's Name (Print)	Driver's Signature Corsicana Fuel Recovery Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD State ID
Driver's Name (Print) 3-27-52 Date MOBLEY COMPANY Kilgore Oil Reclamation Address Wickes St. City/State: Kilgore, TX 75662 Telephone: 903-984-5761 EPA ID TXD982560005 State ID 38224 I certify that I have received into this facility the above	Driver's Signature Corsicana Fuel Recovery Address: City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD State ID

MOBLEY COMPANY BILL OF LADING

Nº 002674

MATER	LIAL INFORMATION
Business Name 704 # 10 Apple	toy.
Address 805 west 5-st	
Telephone () Aust.n +2	Total Quantity (gallons) 150
	CF#
☐ UST/ Removal/Remediation Activity ☐	
☐ Free Product*	Used Oil Other
□ Water □	Other
*This material is considered an off-specification pr	roduct which will be reclaimed for its originally intended purpose.
40 CFR 261.	above premises is/are not hazardous waste as identified in
Generator Representative (Print) X STEPH	HEN JAROSH J
<u>4-6-52</u> Date Serviced	Star Yseon
Date Serviced	Generator Representative Signature
TRANSPO	RTER INFORMATION
Name Mobley Co., Inc.	Telephone 800-999-8628
	State ID40303
Driver's Name (Print)	
Driver's Name (Frint)	
4-6-92	Mis Home
Date	Driver's Signature
MOBLEY COMPA	ANY RECYCLING FACILITY
Kilgore Oil Reclamation	☐ Corsicana Fuel Recovery
Address Wickes St.	Address: Highway 31 East
City/State: Kilgore, TX 75662	City/State: Corsicana, TX 75110
Telephone: 903-984-5761	Telephone: 903-874-1188
EPA IDTXD982560005 State ID3822	24 EPA ID TXD State ID
I certify that I have received into this facility the a	above listed product.
Site Operator Name (Print) John Lynn	
0 (00 103	$\Omega I = I$
<u>B/22/92</u> Date Received	Site Operator Signature
White - Generator - Original Canary - TS	

 $\widetilde{\mathbf{N}}$? 051531

CHARACTERIZAT	TION INFORMATION		
Generating Facility Name: Apple Toyota			
Concreting Facility Address: BOS W. STA	St. Austin Tx		
Business Name: Corner 182 Inch 19 II	250 Delles TX.		
Telephone ($\underline{2(4)}$) $\underline{677}$ $\underline{6066}$	ssociates WCF# 00005Z		
•			
Process Generating the Fluid (Check the Appropriate Process/Fluid Type): Underground Storage Tank Remediation/Corrective Action Fluid Off-Specification Product (Reclamation for Originally Intended Purpose) Diesel Unleaded Gasoline Diesel Aviation Fuel Diesel Tank Hold Evacuation Diesel UST Monitoring Well Fluid UST Monitoring Well Fluid Used Motor Oil from Vehicle Maintenance Facility* *Used oil from industrial and manufacturing sites requires pre-approval Total Quantity (Gallons): SELIHEN TIMPOLIT Signature:			
Title: Geologist	Date of Service: 8/60/92		
TRANSPORTER INFORMATION			
TRANSPORTER	R INFÖRMATION		
X X X X	200 200 200		
Name Mobley Co., Inc.	Telephone800-999-8628		
Name Mobley Co., Inc.	200 200 200		
NameMobley Co., Inc. EPATransporterIDTXD000807925	Telephone800-999-8628 State ID40303		
NameMobley Co., Inc. EPATransporter IDTXD000807925S Driver's Name (Print)	Telephone800-999-8628		
NameMobley Co., Inc. EPATransporter IDTXD000807925 S Driver's Name (Print) B / zo / < z Date	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature		
NameMobley Co., Inc. EPATransporter IDTXD000807925 S Driver's Name (Print) B / zo / < z Date	Telephone800-999-8628 State ID40303		
NameMobley Co., Inc. EPA Transporter IDTXD000807925 S Driver's Name (Print) B/20/92 Date MOBLEY COMPANY I	Telephone800-999-8628 State ID40303		
NameMobley Co., Inc. EPATransporter IDTXD000807925 S Driver's Name (Print) B zo z Date MOBLEY COMPANY I	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY		
NameMobley Co., Inc. EPATransporter IDTXD000807925 S Driver's Name (Print) B	Telephone800-999-8628 State ID40303		
NameMobley Co., Inc. EPATransporter IDTXD000807925 S Driver's Name (Print) Date MOBLEY COMPANY I Kilgore Oil Recycling Address Wickes St. City/State: Kilgore, TX 75662	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110		
NameMobley Co., Inc. EPATransporter IDTXD000807925 S. Driver's Name (Print)	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188		
NameMobley Co., Inc. EPATransporter IDTXD000807925 S. Driver's Name (Print)	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095		
Name	Telephone		
NameMobley Co., Inc. EPATransporter IDTXD000807925 S. Driver's Name (Print)	Telephone		
Name	Telephone		

N? = 051530**MANIFEST** CHARACTERIZATION INFORMATION Generating Facility Name: Hpple Toyota Generating Facility Address: 805 W. 5th Austin Tx. Business Name: Comerica Inc.

Mailing Address: 5949 Sherry Cn # 1250 Dailles Tx Business Name: Comerica Inc. Telephone (714) 691-6066 Contractor Name/Contact: Mc Nutt & Associates WCF # 000051 Process Generating the Fluid (Check the Appropriate Process/Fluid Type): Underground Storage Tank Remediation/Corrective Action Fluid Off-Specification Product (Reclamation ☐ Unleaded Gasoline for Originally Intended Purpose) ☐ Unleaded Gasoline ☐ Diesel □ Diesel ☐ Aviation Fuel ☐ Tank Hold Evacuation ☐ Aviation Fuel ☐ UST Monitoring Well Fluid CXUsed Motor Oil from Vehicle Maintenance Facility* *Used oil from industrial and manufacturing sites requires pre-approval Total Quantity (Gallons): /S Bulk (X) Drum Evacuation () Generator Representative (Print): <u>STEPHEN TKPOGH</u> Signature: Date of Service: @ (201 TRANSPORTER INFORMATION Mobley Co., Inc. 800-999-8628 Name Telephone TXD000807925 _ State ID _____ 40303 Truck No. 80 EPA Transporter ID____ Driver's Name (Print) B/70/47 Driver's Signature Date MOBLEY COMPANY RECYCLING FACILITY Kilgore Oil Recycling ☐ Corsicana Fuel Reclamation Highway 31 East Wickes St. Address: _____ Address ______ Kilgore, TX 75662 Corsicana, TX 75110 City/State: _____ City/State: _____ 903-984-5761 Telephone:____ Telephone: ____ 903-874-1188 EPA ID TXD982560005 TWC Reg. No. 38224 EPA ID TXD988059291 TWC Reg. No. _20095 I certify that I have received into this facility the above listed product. Facility Operator's Name (Print) 3 Wn'7E

White - Generator - Original

Canary - TSD

Pink - Transporter

Gold - Generator's 1st Copy

Facility Öperator's Signature

Date Received

Nº 051529

CHARACTERIZAT	TON INFORMATION	
Generating Facility Name: Apple Toyoto		
Generating Facility Address: 805 W 5th 5	+ Austin Tx	
Pusings Name: Comecias Too		
Mailing Address: Squa Sherry (n. =	1250 Dallas Tx.	
Telephone (214) 691-6066		
Telephone (219) 697-6066 Contractor Name/Contact: MS Nut+ & As	ssociates WCF -000198	
Process Generating the Fluid (Check the Appropriate P Underground Storage Tank Remediation/Corrective Unleaded Gasoline Diesel Aviation Fuel Tank Hold Evacuation SUST Monitoring Well Fluid Used Motor Oil from Vehicle Maintenance Facility *Used oil from industrial and manufacturing sites re	Action Fluid Off-Specification Product (Reclamation for Originally Intended Purpose) Unleaded Gasoline Diesel Aviation Fuel Aviation Fuel	
Total Quantity (Gallons): Bulk (X) Dru		
Generator Representative (Print): 37KPAEN J		
Title: <u>Geologisk</u>	Date of Service: 8/20/92	
Contract of the Contract of th		
TRANSPORTER	RINFORMATION	
Name Mobley Co., Inc.	Telephone 800-999-8628	
	tate ID 40303 Truck No. 80	
Driver's Name (Print) Tim Cross		
8/20 /94 Date	Driver's Signature	
Date	yerver's Signature	
MOBLEY COMPANY I	RECYCLING FACILITY	
Kilgore Oil Recycling	☐ Corsicana Fuel Reclamation	
AddressWickes St.		
City/State: Kilgore, TX 75662	City/State: Corsicana, TX 75110	
Telephone:903-984-5761	Telephone: 903-874-1188	
EPA IDTXD982560005TWC Reg. No. 38224	EPA ID TXD988059291 TWC Reg. No. 20095	
I certify that I have received into this facility the above listed product.		
Facility Operator's Name (Print) 5 W4.72	-	
8-24-92	Definante	
Date Received	Facility Operator's Signature	
White - Generator - Original Canary - TSD	Pink - Transporter Gold - Generator's 1st Copy	

051528 CHARACTERIZATION INFORMATION Generating Facility Name: __H Generating Facility Address: 805 W. 5th 5th Business Name: Comerica Inc. Mailing Address: 5949 Sherry Un. # 1250 Telephone (214) 691-6066 Contractor Name/Contact: MC Nutt & Associates WCf # 000199 Process Generating the Fluid (Check the Appropriate Process/Fluid Type): Underground Storage Tank Remediation/Corrective Action Fluid Off-Specification Product (Reclamation ☐ Unleaded Gasoline for Originally Intended Purpose) ☐ Unleaded Gasoline □ Diesel ☐ Aviation Fuel □ Diesel ☐ Aviation Fuel ☐ Tank Hold Evacuation ☐ UST Monitoring Well Fluid □ Used Motor Oil from Vehicle Maintenance Facility* *Used oil from industrial and manufacturing sites requires pre-approval Total Quantity (Gallons): ______ Bulk (X) Drum Evacuation () KKOLH_ Signature: Generator Representative (Print): STEPHEN J Date of Service: _8 TRANSPORTER INFORMATION Mobley Co., Inc. 800-999-8628 Name ____ _____ Telephone ___ TXD000807925 State ID____ EPA Transporter ID 40303 Truck No. Driver's Name (Print) Date Driver's Signature MOBLEY COMPANY RECYCLING FACILITY Kilgore Oil Recycling ☐ Corsicana Fuel Reclamation Highway 31 East Address: Wickes St. Address Kilgore, TX 75662 Corsicana, TX 75110 City/State: _____ City/State: _____ 903-984-5761 Telephone:___ 903-874-1188 Telephone: ___ EPA ID TXD982560005 TWC Reg. No. 38224 EPA ID TXD988059291 TWC Reg. No. 20095 I certify that I have received into this facility the above listed product.

Date Received

Facility Operator's Signature

CHARACTERIZAT	ION INFORMATION	
Generating Facility Name: Hople To yota		
Generating Facility Address: 805 W. 5th 5.	+ Austin Tx	
Business Name: Comeries Inc. Mailing Address: 5949 Sherry Cn. # 17	250 Dallus Tx	
Telephone (214) 69/-6066		
Contractor Name/Contact: ME Nutt & A	ssociates wef # 000178	
Process Generating the Fluid (Check the Appropriate Pr	rocess/Fluid Type):	
Underground Storage Tank Remediation/Corrective		
□ Unleaded Gasoline□ Diesel	for Originally Intended Purpose) ☐ Unleaded Gasoline	
□ Aviation Fuel	□ Diesel	
□ Tank Hold Evacuation□ UST Monitoring Well Fluid	☐ Aviation Fuel	
☑ Used Motor Oil from Vehicle Maintenance Facility		
*Used oil from industrial and manufacturing sites red		
Total Quantity (Gallons): 60 Bulk (X) Dru Generator Representative (Print): 57EPHEN V		
	Date of Service: 8/20/82	
Title: Ototal San	Date of Service: 0720772.	
Activities and the second of t		
TRANSPORTER	INFORMATION	
TRANSPORTER Name Mobley Co., Inc.		
Name Mobley Co., Inc.	Telephone800-999-8628	
Name Mobley Co., Inc.		
Name Mobley Co., Inc. EPA Transporter ID TXD000807925 S Driver's Name (Print) Coss	Telephone 800-999-8628 tate ID 40303 Truck No. 80	
Name Mobley Co., Inc. EPA Transporter ID TXD000807925 S	Telephone800-999-8628	
Name Mobley Co., Inc. EPA Transporter ID TXD000807925 S Driver's Name (Print) Coss B/70/97 Date	Telephone 800-999-8628 tate ID 40303 Truck No. 80 Driver's Signature	
Name Mobley Co., Inc. EPA Transporter ID TXD000807925 S Driver's Name (Print) Coss B/70/97 Date	Telephone 800-999-8628 tate ID 40303 Truck No. 80	
Name Mobley Co., Inc. EPA Transporter ID TXD000807925 S Driver's Name (Print) Coss B/70/97 Date	Telephone 800-999-8628 tate ID 40303 Truck No. 80 Driver's Signature	
NameMobley Co., Inc. EPATransporter IDTXD000807925 S Driver's Name (Print)TO S B/76/97 DateMOBLEY COMPANY F	Telephone 800-999-8628 tate ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY	
NameMobley Co., Inc. EPA Transporter IDTXD000807925 S Driver's Name (Print)	Telephone 800-999-8628 tate ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation	
NameMobley Co., Inc. EPA Transporter IDTXD000807925 S Driver's Name (Print)	Telephone 800-999-8628 tate ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Highway 31 East	
NameMobley Co., Inc. EPATransporter IDTXD000807925 S Driver's Name (Print)	Telephone 800-999-8628 tate ID 40303 Truck No. 80 Driver's Signature EECYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188	
NameMobley Co., Inc. EPATransporter IDTXD000807925 S Driver's Name (Print)	Telephone 800-999-8628 tate ID 40303 Truck No. 80 Driver's Signature Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095	
NameMobley Co., Inc. EPA Transporter IDTXD000807925 S Driver's Name (Print)	Telephone 800-999-8628 tate ID 40303 Truck No. 80 Driver's Signature ECYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095 isted product.	
Name	Telephone 800-999-8628 tate ID 40303 Truck No. 80 Driver's Signature ECYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095 isted product.	

White - Generator - Original THE PRINT SHOP-MARSHALL

Canary - TSD

Pink - Transporter

Gold - Generator's 1st Copy

IVLAIN	14 F21 7. 02 T94
CHARACTERIZAT	ION INFORMATION
And To	
Generating Facility Name: Hpple Toyot.	
Generating Facility Address: 805 W 5th 1	Tustia (X
Business Name: Comerca Inc	> // =
Mailing Address: 5949 Sherry Ln. #	750 Dallos/K
Telephone (Z14) 691 - 6066	
Contractor Name/Contact: MSNut+ & As	ssociates WEF # 000177
Process Generating the Fluid (Check the Appropriate Process)	
Underground Storage Tank Remediation/Corrective ☐ Unleaded Gasoline ☐ Diesel ☐ Aviation Fuel	Action Fluid Off-Specification Product (Reclamation for Originally Intended Purpose) Unleaded Gasoline Diesel
☐ Tank Hold Evacuation	☐ Aviation Fuel
 □ UST Monitoring Well Fluid ☑ Used Motor Oil from Vehicle Maintenance Facility 	*
*Used oil from industrial and manufacturing sites rec	quires pre-approval
	m Evacuation ()
Generator Representative (Print):	TKROH Signature: Atroly & May
Title: 6-10/08157	Date of Service: 8/70/97
TRANSPORTER	INFORMATION
Name Mobley Co., Inc.	Telephone 800-999-8628
	relephone
	tate ID 40303 Truck No. 80
Driver's Name (Print) Time Coss	
Date	Driver's Signature
MOBLEY COMPANY I	RECYCLING FACILITY
□-Kilgore Oil Recycling	☐ Corsicana Fuel Reclamation
Address Wickes St.	Address: Highway 31 East
City/State: Kilgore, TX 75662	
Telephone: 903-984-5761	
	EPA ID TXD988059291 TWC Reg. No. 20095
I certify that I have received into this facility the above	
Facility Operator's Name (Print) \(\sum_{k'/1} \)	
15-24-92	Mahila

White - Generator - Original

Canary - TSD

Pink - Transporter

Gold - Generator's 1st Copy

Facility Operator's Signature

Date Received

Nº 051545

CHARACTERIZAT	ION INFORMATION
Generating Facility Name: Apple To 107	4,
Generating Facility Address: 805 W. 576	Austin Tx
Business Name: CAMECICA Inc	,
Mailing Address: 5949 Sherry In #1	250 Dellas TX
Telephone (Z14) 691-6066 Contractor Name/Contact: ME Nut H	
Contractor Name/Contact: ME Nutt	Associatos Wef #000191
Process Generating the Fluid (Check the Appropriate P Underground Storage Tank Remediation/Corrective Unleaded Gasoline Diesel Aviation Fuel Tank Hold Evacuation UST Monitoring Well Fluid Used Motor Oil from Vehicle Maintenance Facility *Used oil from industrial and manufacturing sites received.	Action Fluid Off-Specification Product (Reclamation for Originally Intended Purpose) Unleaded Gasoline Diesel Aviation Fuel
Total Quantity (Gallons): /O Bulk () Dru	um Eyacuation (x)
Generator Representative (Print):	KROLD Signature: The J Stock
Title: 6-000157	Date of Service: 8/20/67
	The state of the s
TRANSPORTER	RINFORMATION
Name Mobley Co., Inc.	Telephone800-999-8628
EPA Transporter ID TXD000807925 S	State ID 40303 Truck No. 80
Driver's Name (Print) 7.m (1)cis	
8/20/92	Jany Hon
Date	Driver's Signature
MOBLEY COMPANY I	RECYCLING FACILITY
Kilgore Oil Recycling	☐ Corsicana Fuel Reclamation
Address Wickes St.	Address: Highway 31 East
City/State: Kilgore, TX 75662	City/State: Corsicana, TX 75110
Telephone: 903-984-5761	Telephone: 903-874-1188
EPA IDTXD982560005TWC Reg. No. 38224	EPA ID TXD988059291 TWC Reg. No. 20095
I certify that I have received into this facility the above l	-
Facility Operator's Name (Print) 5 64 7 5	
4-24-95	0.00 14
	Il. I minte
Date Received	Facility Operator's Signature

N? = 051547 =

CHARACTERIZAT	ION INFORMATION
Generating Facility Name: Apple Toyota	
Generating Facility Address: 805 W. 574	St Austin TX
Primar Name Constitution Tax	
Mailing Address: 5949 Sherry Cn 7/	250 Dalles Tx
Tolombono (714) 7591-6066	
Contractor Name/Contact: MENUTT &	Associates WCF#030051A
Process Generating the Fluid (Check the Appropriate P Underground Storage Tank Remediation/Corrective Unleaded Gasoline Diesel Aviation Fuel Tank Hold Evacuation UST Monitoring Well Fluid Vised Motor Oil from Vehicle Maintenance Facility *Used oil from industrial and manufacturing sites re	rocess/Fluid Type): Action Fluid Off-Specification Product (Reclamation for Originally Intended Purpose) Unleaded Gasoline Diesel Aviation Fuel y* quires pre-approval
Total Quantity (Gallons): 1200 Bulk (X) Drug	Vocal Description ()
Generator Representative (Print): STRPARIV J	
Title: Old Chef sh	Date of Service: 8/70/87
TRANSPORTE	RINFORMATION
	HIPORNATION
Name Mobley Co., Inc.	Telephone800-999-8628
	State ID 40303 Truck No. 80
Driver's Name (Print) Tim Cross	
19170 / 97 Date	Driver's Signature
Date	Driver's dignature
MOBLEY COMPANY I	RECYCLING FACILITY
Kilgore Oil Recycling	☐ Corsicana Fuel Reclamation
Address Wickes St.	771 1 A. W.
City/State: Kilgore, TX 75662	City/State: Corsicana, TX 75110
Telephone: 903-984-5761	Telephone: 903-874-1188
	EPA ID TXD988059291 TWC Reg. No. 20095
I certify that I have received into this facility the above	
Facility Operator's Name (Print) TW4. 72	
8-24-92	gell marte
Date Received	Facility Operator's Signature

Nº 051546

CHARACTERIZAT	ION INFORMATION
Generating Facility Name: Apple Toyota	
Generating Facility Address: 805 W. 5Th	Austin TX
Business Name: Comerica Lac	
Mailing Address: 5949 Sherry La #1	250 Delles TX.
m1 1 1 / 2/14 > / 9/ - 60/66	
Contractor Name/Contact: MC Nutt & As	sociates WCF#0001G7
Process Generating the Fluid (Check the Appropriate P. Underground Storage Tank Remediation/Corrective Unleaded Gasoline Diesel Aviation Fuel Tank Hold Evacuation UST Monitoring Well Fluid Used Motor Oil from Vehicle Maintenance Facility *Used oil from industrial and manufacturing sites recorded and the storage of the storage	rocess/Fluid Type): Action Fluid Off-Specification Product (Reclamation for Originally Intended Purpose) Unleaded Gasoline Diesel Aviation Fuel * quires pre-approval
Generator Representative (Print): STEPHEN	
Title: 600015P	Date of Service: 8/20/8 7
<i></i>	
TRANSPORTER	INFORMATION
Name Mobley Co., Inc.	Telephone 800-999-8628
**	
Name	
EPA Transporter ID TXD000807925 S	tate ID 40303 Truck No. 80
Name	
EPA Transporter ID TXD000807925 S	
EPATransporter ID TXD000807925 S Driver's Name (Print) T. M. C. SS 8/20/52.	tate ID 40303 Truck No. 80
EPATransporter ID TXD000807925 S Driver's Name (Print) T. M. C. SS 8/20/52.	tate ID 40303 Truck No. 80 Driver's Signature
Driver's Name (Print) B/20/52 Date MOBLEY COMPANY I	Driver's Signature EECYCLING FACILITY
Driver's Name (Print) B/20/52 Date MOBLEY COMPANY I	Driver's Signature CECYCLING FACILITY Corsicana Fuel Reclamation
EPATransporter ID TXD000807925 S Driver's Name (Print) T. M. C. S. B/20/52. Date MOBLEY COMPANY F Kilgore Oil Recycling Address Wickes St.	Driver's Signature CECYCLING FACILITY Corsicana Fuel Reclamation Highway 31 East
EPATransporter ID TXD000807925 S Driver's Name (Print) T. M. C. S. B/20/52. Date MOBLEY COMPANY F Kilgore Oil Recycling Address Wickes St. City/State: Kilgore, TX 75662	Driver's Signature CECYCLING FACILITY Corsicana Fuel Reclamation Highway 31 East City/State: Corsicana, TX 75110
Driver's Name (Print) B/20/52 Date MOBLEY COMPANY F Kilgore Oil Recycling Address Wickes St. City/State: 10	Driver's Signature CECYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188
### EPA Transporter ID	Driver's Signature CECYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095
EPATransporter ID TXD000807925 S Driver's Name (Print)	Driver's Signature CECYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095
Driver's Name (Print) S ZO S Z	Driver's Signature CECYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095
EPA Transporter ID TXD000807925 S Driver's Name (Print)	Driver's Signature CECYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095

$\begin{array}{c} \text{MOBLEY COMPANY} \\ \text{UST REMEDIATION FLUID / OFF-SPECIFICATION PRODUCT} \\ \text{MANIFEST} & N.^0 \quad 051527 \end{array}$

CHARACTERIZAT	TION INFORMATION	
Generating Facility Name: Apple Toyota		
Generating Facility Address: 805 W. 5th	st. Austin Tx	
Business Name: Comecias Ina		
Mailing Address: 5949 Sherry Cn.	±1250	
Telephone (214) 691-6066		
Contractor Name/Contact: MS Nutt & Assoc	ciates wcf # 00019#	
Process Generating the Fluid (Check the Appropriate F Underground Storage Tank Remediation/Corrective Unleaded Gasoline Diesel Aviation Fuel Tank Hold Evacuation UST Monitoring Well Fluid X Used Motor Oil from Vehicle Maintenance Facilit *Used oil from industrial and manufacturing sites re	Process/Fluid Type): Action Fluid Off-Specification Product (Reclamation for Originally Intended Purpose) Unleaded Gasoline Diesel Aviation Fuel	
Total Quantity (Gallons): Bulk () Dr		
Generator Representative (Print): 57FPSFN	TROOM Signature: Algan Hogh	
Title: Geda 151	Date of Service: 8/20/92	
TRANSPORTE	R INFORMATION	
Name Mobley Co., Inc.	Telephone800-999-8628	
	State ID 40303 Truck No. 80	
Driver's Name (Print) Tim Cross		
8/20/92	Tiny I hm	
Date	Driver's Signature	
MOBLEY COMPANY	RECYCLING FACILITY	
Kilgore Oil Recycling	☐ Corsicana Fuel Reclamation	
Address Wickes St.	Address: Highway 31 East	
City/State: Kilgore, TX 75662	City/State: Corsicana, TX 75110	
Telephone:903-984-5761	Telephone: 903-874-1188	
EPA ID TXD982560005 TWC Reg. No. 38224	EPA ID TXD988059291 TWC Reg. No. 20095	
I certify that I have received into this facility the above	listed product.	
Facility Operator's Name (Print) 5 4419		
4-24-92	no Mon last	
Date Received	Facility Operator's Signature	

 $\overline{
m N}^{\circ}$ 051527

CHARACTERIZAT	ION INFORMATION
Generating Facility Name: Apple Toyota	
Generating Facility Address: 805 W. 5th 5	t. Austin Tx
Business Name: Comerica Inc.	
Mailing Address: 5949 Sherry Cn, #	1250
Telephone (214) 691-6066	
Contractor Name/Contact: MENutt & Assoc	iates wcf # 0001974
Process Generating the Fluid (Check the Appropriate Process Generating the Fluid (Check the Appropriate Process Generating the Fluid Remediation/Corrective Good Unleaded Gasoline Diesel Aviation Fuel Tank Hold Evacuation UST Monitoring Well Fluid Veled Motor Oil from Vehicle Maintenance Facility *Used oil from industrial and manufacturing sites recommends.	rocess/Fluid Type): Action Fluid Off-Specification Product (Reclamation for Originally Intended Purpose) Unleaded Gasoline Diesel Aviation Fuel
Total Quantity (Gallons): 60 Bulk () Dru	
Generator Representative (Print): 57FPWFN 3	KROH Signature: Alyan Stund
Title: 600 157	Date of Service: 8/20/92
	Paris Inc.
TRANSPORTER	INFORMATION
Name Mobley Co., Inc.	Telephone800-999-8628
	tate ID 40303 Truck No. 80
Driver's Name (Print) Tim Cross	
8/20/92	fing / fin
Date	Driver's Signature
MOBLEY COMPANY F	PECYCI INC PACH ITY
MOBELI COMI ANTI	LECTOLING PACIFITY
Kilgore Oil Recycling	☐ Corsicana Fuel Reclamation
Address Wickes St.	III-harra 21 Dant
City/State: Kilgore, TX 75662	City/State: Corsicana, TX 75110
Telephone: 903-984-5761	Telephone: 903-874-1188
EPA IDTXD982560005TWC Reg. No. 38224	•
I certify that I have received into this facility the above l	
Facility Operator's Name (Print) 4672	
1 acincy Operawi Strame (11110)	
4-24-92	Geff Mr but
Date Received	Facility Operator's Signature

$\begin{array}{c} \text{MOBLEY COMPANY} \\ \text{UST REMEDIATION FLUID / OFF-SPECIFICATION PRODUCT} \\ \text{MANIFEST} & N? = 051548 \end{array}$

CHARACTERIZAT	ION INFORMATION	
Generating Facility Name: Apple Toyote Generating Facility Address: 805 W 5 th St Business Name: Comerce Inc.		
Mailing Address: <u>.5949 Skerry Ln #175</u>	O Dallas Tx	
Contractor Name/Contact: Ms North & Associates WCF 2000 53 Process Generating the Fluid (Check the Appropriate Process/Fluid Type): Underground Storage Tank Remediation/Corrective Action Fluid Off-Specification Product (Reclamation for Originally Intended Purpose) Diesel Unleaded Gasoline Unleaded Gasoline Unleaded Gasoline Aviation Fuel Diesel Tank Hold Evacuation Aviation Fuel UST Monitoring Well Fluid Used Motor Oil from Vehicle Maintenance Facility* *Used oil from industrial and manufacturing sites requires pre-approval Total Quantity (Gallons): 55 Bulk () Drum Evacuation (**)		
Generator Representative (Print):	Signature:	
Title:	Date of Service: 8/20/92	
NameMobley Co., Inc.	Telephone 800-999-8628 tate ID 40303 Truck No. 80 Driver's Signature	
MOBLEY COMPANY F Kilgore Oil Recycling	□ Corsicana Fuel Reclamation	
Address Wickes St.	TT'-1 01 Ft4	
City/State: Kilgore, TX 75662	City/State: Corsicana, TX 75110	
Telephone: 903-984-5761	Telephone: 903-874-1188	
EPA IDTXD982560005TWC Reg. No. 38224		
I certify that I have received into this facility the above		
Facility Operator's Name (Print) JWh	/	
Date Received	Facility Operator's Signature	
White - Generator - Original Canary - TSD	Pink - Transporter Gold - Generator's 1st Copy	

Nº 051532

1	CHARACTERIZATIO	ON INFORMATION
	Generating Facility Name: Apple Toyota Generating Facility Address: 805 w. 5th St.	<u> </u>
	Generating Facility Address: 805 w. Sth St.	Austin Tx
	Business Name: Comerica Inc	
	Mailing Address: 5949 Sherry Un. Tolophone (214) 691-6016	#1250 Dilles Tx.
	Telephone (214) 691 - 60 66	
	Contractor Name/Contact: MC Nut+ + Asset	cietes wef# 000058
	Process Generating the Fluid (Check the Appropriate Proce Underground Storage Tank Remediation/Corrective Act Unleaded Gasoline Diesel Aviation Fuel Tank Hold Evacuation UST Monitoring Well Fluid Used Motor Oil from Vehicle Maintenance Facility* *Used oil from industrial and manufacturing sites require	Off-Specification Product (Reclamation for Originally Intended Purpose) Unleaded Gasoline Diesel Aviation Fuel
	Total Quantity (Gallons): 15 Bulk (x) Drum	Eyacuation ()
İ	Generator Representative (Print): STEPHEN JA	ROGH Signature: Missey Joseph
		Date of Service: 8/26/92
	TRANSPORTER IN	NFORMATION
		112 010/1121011
	Mobley Co. Inc.	
1		Telephone800-999-8628
	EPA Transporter ID TXD000807925 State	Telephone800-999-8628
	EPA Transporter ID TXD000807925 State Driver's Name (Print) C こころ	Telephone800-999-8628
	EPA Transporter ID TXD000807925 State	Telephone800-999-8628
	EPA Transporter ID TXD000807925 State Driver's Name (Print) C C C S S E TO (92.	Telephone800-999-8628 te ID40303
	EPA Transporter ID TXD000807925 State Driver's Name (Print) C C C S S E TO (92.	Telephone 800-999-8628 te ID 40303 Truck No. 80 Driver's Signature
	Driver's Name (Print) E/TD(92. Date MOBLEY COMPANY REC	Telephone 800-999-8628 te ID 40303 Truck No. 80 Driver's Signature
	EPA Transporter ID TXD000807925 State Driver's Name (Print) C C C S S E / TO / 9 Z Date MOBLEY COMPANY REC	Telephone 800-999-8628 te ID 40303 Truck No. 80 Driver's Signature CYCLING FACILITY Corsicana Fuel Reclamation
	EPA Transporter ID TXD000807925 State Driver's Name (Print) Cross E/TO/92 Date MOBLEY COMPANY REC Kilgore Oil Recycling Address Wickes St.	Telephone 800-999-8628 te ID 40303 Truck No. 80 Driver's Signature CCYCLING FACILITY Corsicana Fuel Reclamation Highway 31 East
	EPA Transporter ID TXD000807925 State Driver's Name (Print) Cross B/TD/92 Date MOBLEY COMPANY REC Kilgore Oil Recycling Address Wickes St. City/State: Kilgore, TX 75662	Telephone
	### TXD000807925 State	Telephone 800-999-8628 te ID 40303 Truck No. 80 Driver's Signature CYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188
	### EPA Transporter ID	Telephone 800-999-8628 te ID 40303 Truck No. 80 Driver's Signature CYCLING FACILITY Corsicana Fuel Reclamation Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095
	EPA Transporter ID TXD000807925 State Driver's Name (Print) C C C S S E TO 72 Date MOBLEY COMPANY REC Kilgore Oil Recycling Address Wickes St. City/State: Kilgore, TX 75662 Telephone: 903-984-5761 EPA ID TXD982560005 TWC Reg. No. 38224 I certify that I have received into this facility the above lister	Telephone 800-999-8628 te ID 40303 Truck No. 80 Driver's Signature CYCLING FACILITY Corsicana Fuel Reclamation Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095 ted product.
	### EPA Transporter ID	Telephone 800-999-8628 te ID 40303 Truck No. 80 Driver's Signature CYCLING FACILITY Corsicana Fuel Reclamation Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095 ted product.
	EPA Transporter ID TXD000807925 State Driver's Name (Print) C C C S S E TO 72 Date MOBLEY COMPANY REC Kilgore Oil Recycling Address Wickes St. City/State: Kilgore, TX 75662 Telephone: 903-984-5761 EPA ID TXD982560005 TWC Reg. No. 38224 I certify that I have received into this facility the above lister	Telephone 800-999-8628 te ID 40303 Truck No. 80 Driver's Signature CYCLING FACILITY Corsicana Fuel Reclamation Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095 ted product.
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Generating Facility Name: Apple Toyota	
Generating Facility Address: 805 W 5th Austin Tx.	
Business Name: Comerica Tre.	
Mailing Address: 5949 Sherry Cn # 1750	
Telephone (214) 691 - 6066	
	000125
Process Generating the Fluid (Check the Appropriate Process/Fluid Type):	
Total Quantity (Gallons): 60 Bulk (x) Drum Evacuation ()	11011
Generator Representative (Print): STEPHEN J NROLH Signature:	de flog
Title: beologyst Date of Service:	9/20/92
	100 annihi di 1827 pr. 1 - 1840 (1880 pr. 1821 p
TRANSPORTER INFORMATION	
Name Mobley Co., Inc. Telephone	800-999-8628
Name Mobley Co., Inc. Telephone EPATransporter ID TXD000807925 State ID 40303 Truck N	
Driver's Name (Print) Tim Cross	(0. <u>JP</u>
Driver's Name (Print) / // C/655	
B/zo/4z Date Date Diver's Signature	
8/20/42	
8/20/42	
Date MOBLEY COMPANY RECYCLING FACILITY	
B/20/47 Date MOBLEY COMPANY RECYCLING FACILITY Kilgore Oil Recycling Corsicana I	Fuel Reclamation
B/20/47 Date MOBLEY COMPANY RECYCLING FACILITY Kilgore Oil Recycling Address Wickes St. Address: Highw	ay 31 East
B/20/42 Date MOBLEY COMPANY RECYCLING FACILITY Mobility Company Recycling Corsicana I Address Wickes St. Address: Highw City/State: Kilgore, TX 75662 City/State: Corsican	ay 31 East na, TX 75110
Date MOBLEY COMPANY RECYCLING FACILITY MOBLEY COMPANY RECYCLING FACILITY Address Wickes St.	ay 31 East na, TX 75110 -874-1188
Date	ay 31 East na, TX 75110 -874-1188
Date MOBLEY COMPANY RECYCLING FACILITY Mobility Company Recycling Corsicana I	ay 31 East na, TX 75110 -874-1188
Date	ay 31 East na, TX 75110 -874-1188
Date MOBLEY COMPANY RECYCLING FACILITY Mobility Company Recycling Corsicana I	ay 31 East na, TX 75110 -874-1188
Date MOBLEY COMPANY RECYCLING FACILITY Mobility Company Recycling Corsicana I	ay 31 East na, TX 75110 -874-1188 _TWC Reg. No20095

CHARACTERIZAT	TION INFORMATION
Generating Facility Name: Apple Toyota	
Generating Facility Name: HPP18 104049 Generating Facility Address: 805 W. 514	St. Anst. LX
Business Name: Comerica Inc. Mailing Address: 5949 Sherry Ln. # 1250 Dellas TK	
Mailing Address: 5949 Sherry Ln. # 1	250 Dellas TK
Telephone (214) 691-6066	
Contractor Name/Contact: Mc Nutt & Ass	ociotes Wef # 000126
Process Generating the Fluid (Check the Appropriate P Underground Storage Tank Remediation/Corrective Unleaded Gasoline Diesel Aviation Fuel Tank Hold Evacuation UST Monitoring Well Fluid Used Motor Oil from Vehicle Maintenance Facility *Used oil from industrial and manufacturing sites re	Action Fluid Off-Specification Product (Reclamation for Originally Intended Purpose) Unleaded Gasoline Diesel Aviation Fuel
Total Quantity (Gallons): 55 Bulk (X) Drug	mm Evacuation ()
Generator Representative (Print):	ROFA Signature: Masker Glass
Title: Geological	Date of Service: 8/20/92
TRANSPORTER INFORMATION	
TRANSPORTER	INFORMATION
Name Mobley Co., Inc.	Telephone800-999-8628
	Telephone800-999-8628
Name Mobley Co., Inc. EPA Transporter ID TXD000807925 S Driver's Name (Print) Cross	Telephone800-999-8628
Name Mobley Co., Inc. EPATransporter ID TXD000807925 Driver's Name (Print) Time Cross	Telephone800-999-8628
Name Mobley Co., Inc. EPA Transporter ID TXD000807925 S Driver's Name (Print) Cross	Telephone800-999-8628
Name Mobley Co., Inc. EPATransporter ID TXD000807925 Driver's Name (Print) Time Cross 8/20/92 Date	Telephone800-999-8628
Name Mobley Co., Inc. EPATransporter ID TXD000807925 Driver's Name (Print) Time Cross 8/20/92 Date	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature
Name Mobley Co., Inc. EPATransporter ID TXD000807925 Driver's Name (Print) Cross 8/20/9z Date MOBLEY COMPANY I	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation
NameMobley Co., Inc. EPATransporter IDTXD000807925 S. Driver's Name (Print)Coss B/ZO/9z Date MOBLEY COMPANY I Kilgore Oil Recycling AddressWickes St. City/State:Kilgore, TX 75662	Telephone
NameMobley Co., Inc. EPATransporter IDTXD000807925 S Driver's Name (Print)Cross B/Z0/9z Date MOBLEY COMPANY I	Telephone
NameMobley Co., Inc. EPATransporter IDTXD000807925 S. Driver's Name (Print)Coss B/ZO/9z Date MOBLEY COMPANY I Kilgore Oil Recycling AddressWickes St. City/State:Kilgore, TX 75662	Telephone
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Mobley Co., Inc. EPA Transporter ID TXD000807925 S Driver's Name (Print) Coss S B/ZO/9z Date MOBLEY COMPANY I Kilgore Oil Recycling Wickes St. City/State: Kilgore, TX 75662 Telephone: 903-984-5761 EPA ID TXD982560005 TWC Reg. No. 38224	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095
Name Mobley Co., Inc. EPATransporter ID TXD000807925 Driver's Name (Print) Coss B/Z0/92 Date MOBLEY COMPANY I Kilgore Oil Recycling Address Wickes St. City/State: Kilgore, TX 75662 Telephone: 903-984-5761 EPA ID TXD982560005 TWC Reg. No. 38224 I certify that I have received into this facility the above	Telephone 800-999-8628 State ID 40303 Truck No. 80 Driver's Signature RECYCLING FACILITY Corsicana Fuel Reclamation Address: Highway 31 East City/State: Corsicana, TX 75110 Telephone: 903-874-1188 EPA ID TXD988059291 TWC Reg. No. 20095

White - Generator - Original THE PRINT SHOP-MARSHALL

Canary - TSD

Pink - Transporter

Gold - Generator's 1st Copy

APPENDIX D.

SITE SAFETY PLAN

SITE SAFETY PLAN DRUM STORAGE AREA FINAL REMEDIATION APPLE (AUSTIN) TOYOTA SITE

PREPARED FOR

COMERICA, INC. 211 WEST FORT STREET DETROIT, MI 48275

AUGUST 15-30, 1992

JMA

J. McNUTT & ASSOCIATES, INC.

1250 Sterling Plaza 5949 Sherry Lane Dallas, Texas 75225

AUSTIN TOYOTA, INC. JMA SITE SAFETY PLAN

I. GENERAL INFORMATION

CLIENT:

Comerica, Inc.

JOB NO.: 1256-01-CG

PROJECT MANAGER: Stephen Krogh/Jim McNutt/Dallas

SITE: former Apple Toyota site

SITE LOCATION:

5th Street & West Avenue, Austin, Texas

PURPOSE:

Site cleanup and drum removal (Used Oil or other hydrocarbons)

DATE OF VISIT(S):

August 15-30, 1992

BACKGROUND INFORMATION: Complete:

X

Preliminary:

INFORMATION AVAILABLE FROM:

Stephen Krogh or Jim McNutt/Dallas

OVERALL HAZARD SUMMARY:

Serious

Moderate:

Low: X

__Unknown:

II. SITE/WASTE CHARACTERISTICS

FACILITY DESCRIPTION:

Status (active or inactive, present or past use(s)): ACTIVE

Features and unusual features (water supply, telephone, power lines sewer lines, etc.): NA

History (previous agency actions, complaints from public, etc.): NA

WASTE TYPE(S):

Liquid: <u>Used oil (may contain solvents)</u>

Solid: potential heavy metals

Sludge:

Gas:

CHARACTERISTIC(S):

Corrosive:

Ignitable: X

Volatile: X

Toxic: X

Reactive:

Unknown:

HAZARD EVALUATION:

Overall Hazard Level: Overall hazard level for the planned site activities is low. Actual hazard will depend on weather conditions; i.e., still conditions and high temperatures will increase the potential hazards at the site.

Chemical Hazards: Specific to items to be investigated

III. SITE SAFETY WORK PLAN

PERIMETER ESTABLISHMENT:

Map/Sketch attached:

Perimeter identified:

YES

Zone(s) of contamination identified:

NO

SITE PERSONNEL

Level of Protection: A: B: C: X D: X

Modifications: For all contact work the following safety gear must be worn:

- Tyvek or cotton outer garments if cotton outer garments are worn, they must be washed separately from normal household laundry prior to re-wearing. If cotton is selected, the use of coveralls is preferred.
- Neoprene or leather steel toe/shank boots (if leather boots are worn, disposable booties should be worn as an overboot).
- Hard hat with safety goggles or glasses with side shields.
- Neoprene, nitrile, or polyvinyl alcohol outer gloves over surgical gloves.

For survey and observation the following must be worn:

- Cotton field clothes.
- If working in an area of suspected contamination, steel toe/shank work boots and booties or neoprene boots must be worn. The boots must be decontaminated prior to leaving the site.

Equipment and materials (MUST be immediately available to team members):

- First Aid Kit
- Eye Wash Kit
- a,b,c 2-lb Fire Extinguisher
- Wind Direction Indicator
- Monitoring Equipment Specified Below

Monitoring Equipment and Procedures:

OVM with 10.0 eV lamp. Take background readings in the area you do not suspect to be contaminated. Let instrument run continuously, or set on standby mode. Take readings in the breathing zone upon initiating site work. Log readings at least every 1/2 hour in the breathing zone. The OVM should be consulted more frequently than every 1/2 hour if

there is a question regarding appropriate action levels. For an up-grade to be warranted, readings in the breathing zone must persist for a period of time, i.e., 5 to 10 minutes. This is a judgment call. Spikes on the OVM above the action level do not call for an up-grade.

ACTION LEVELS:

If readings are 0 to <25 ppm above background in the breathing zone, continue to Level D. Readings from >25 to 100 ppm above background, in the breathing zone, require Level C (or leaving the site). Readings over 100 ppm in the breathing zone require upgrade to Level B.

PLEASE NOTE, THIS PLAN IS NOT APPROVED FOR LEVEL B WORK.

Explosimeter / O, meter:

A lead filter should be acquired for the instrument. Lead in gasoline will poison the O₂ sensor, rendering the instrument useless. Readings should be taken at least every 15 minutes at the excavation or hole opening. Purge the instrument in clean air after each reading.

ACTION LEVELS:

- <20 Percent LEL, continue
- * 20 percent LEL but <50 percent LEL, proceed with caution
- >50 percent LEL, shut down operations and evacuate immediately notify the owner and call the fire department.

TEAM MEMBERS:

NAME	RESPONSIBILITY	
Jim McNutt	Project Manager	
Stephen Krogh	Project Geologist	
John Lynn	Environmental Technician	

SITE ENTRY PROCEDURES:

Locate emergency telephone numbers and route to hospital prior to starting any work. Notify site personnel of your presence at the site and your field plans. If there is only one JMA employee on-site, the site manager must receive a copy of the emergency numbers in case of an accident (i.e., police, fire, etc.). Prior to work on-site, you must conduct a safety briefing with any sub-contractors. This shall include informing them of the hazards associated with site work, and the chemicals anticipated.

WORK LIMITATIONS: DAYLIGHT HOURS ONLY

- * No eating, drinking, or SMOKING within 50 feet of the work area.
- No contact lenses to be worn on-site.

- * No facial hair that would interfere with respirator fit.
- Level C is not to be used without two fully trained staff on-site. If monitoring results indicate that an up-grade is required, you must leave the site until conditions change or request an additional person, and not initiate work until that person arrives.
- * At-stress breaks to be taken at regular intervals of 2 hours, or more frequently, if necessary.
- * No spark sources within 50 feet of the work area.

DECONTAMINATION PROCEDURES:

For sampling or sub-surface disturbance activities for personnel: Wash boots and outer gloves in cleaning solution and water, rinse, remove outer gloves. Remove and bag coveralls. If cotton coveralls are used, bag in garbage bags and wash prior to re-wearing. Remove respirator, if wom. Remove surgical gloves and dispose in a plastic trash bag. Wash hands and face. Sanitize respirator nightly, if used. Take a shower and wash hair as soon as possible after leaving the site.

Equipment Needed: Buckets, tub, cleaning solution, brushes, garbage bags, hand soap and paper towels.

For Sampling Equipment: Wash in cleaning solution and water, rinse in water several times.

For Sampling: Wash hands after removal of booties, if worn.

PLEASE NOTE:

It is the responsibility of the site safety coordinator to make sure all pieces of equipment coming off-site are properly decontaminated according to the procedures outlined above. Documentation of decontamination must be made in the field log notebook that will then become part of the permanent project file. The equipment number must be written in the field log notebook when the equipment comes off-site and is decontaminated with a denotation that proper procedures have been followed.

DISPOSAL PROCEDURES:

Contaminated liquids and soils (i.e., evacuated well water and/or drill cuttings) - All material should be contained on-site for later disposal or handling, in accordance with acceptable procedures.

Health and safety disposable items (i.e., Tyvek, gloves, booties, etc.) - All disposable items should be placed in a plastic bag and placed in the dumpster on-site.

IV. EMERGENCY INFORMATION:

LOCAL

Note: The local Area Code is: 512

Plant Security: None at this site

Ambulance: #911

Hospital:

Brackenridge Hospital

601 East 15th Street Dallas, Texas

(512) 476-6461

Poison Control Center:

At Brackenridge Hospital

Police/Sheriff:

#911

Fire:

#911

Electric Company:

City of Austin

Gas Company:

Southern Union Gas

Water Company:

City of Austin

Emergency Response Group:

#911 Fire (local)

State Emergency Response Commission (SERC):

Texas Water Commission, Austin, (512) 463-7727

EMERGENCY ESCAPE ROUTES

Off-site: To be added by PM at site.

Hospital:

drive east on 5th St to Red River, north to 14th Street, Emergency

Room is on south side of hospital

EMERGENCY CONTACTS

1. JMA Health & Safety Coordinator:

Name:

Robert S. Kier

Phone:

(512) 343-7133 (O)

(512) 250-5501 (H)

2. Occupational Physician:

Name:

Weldon Smith, M.D.

Phone:

(214) 823-6710

Address:

3600 Gaston Avenue

Dallas, TX 75246

3. Project Manager:

Name:

Jim McNutt

Phone:

(214) 691-6606 (O)

(214) 349-7529 (H)

4. Client Contact:

Name:

Mr. Hank Hodges

Phone: Address:

(313) 222-6285 211 West Fort Street

Detroit, MI 48275-1019

V. PLAN APPROVAL

Plan Prepared By:

Jim McNutt

Date:

07/19/91

Approved By: _

Date:

07/19/91

James L. McNutt

Updated: 08/20/92



J. McNUTT & ASSOCIATES, INC.

100

1250 Sterling Plaza 5949 Sherry Lane Dallas, Texas 75225 CAPITAL GAS LIGHT COMPANY

DOCUMENT 6A

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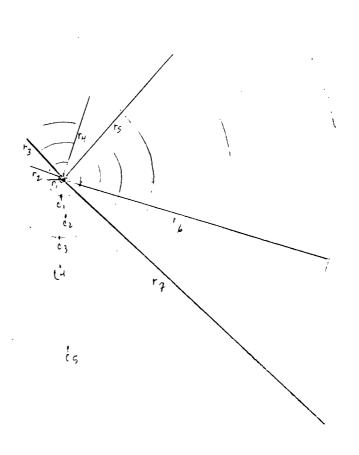
CAPITAL GAS LIGHT COMPANY PRELIMINARY ASSESSMENT

Population and Person per Household Calculations

1. Person per Household Calculations

For .75 to 1 m = 1,771 - 998.3 = 772.7 people For 1 to 2 m = 7,106.4 - 1,771 = 5,335.4 people For 2 to 3 m = 15,792 - 7,106.4 = 8,685.6 people For 3 to 4 m = 28,197.2 - 15,792 = 12,405.2 people CAPMAL GAS LIGHT JOHPHIN F. K.

DIRGRAM FOR POPULATION ORGANICATIONS WITH CORNE



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0.0 - 0.25 mile: 0 wells

0.25 - 0.50 mile: 1 domestic well

5 secondary wells (city irrigation/but not

used much/on city water)

0.50 - 1.00 mile: 3 secondary/irrigation,

commerical and pond

1.00 - 2.00 miles: 1 public supply well

(serves 400 people)
6 domestic wells
8 secondary/springs

2.00 - 3.00 miles: 4 public supply wells

(240, 75 for both Dellena wells, and 68 people

served)

9 domestic wells
4 secondary/springs

3.00 - 4.00 miles: 1 public supply well

(25 people served)
26 domestic wells

18 secondary/springs and commercial wells

Nearest Well = 58-42-928/(6) /Edwards/303 feet = 1.35 miles

TABLE OF WELL INFORMATION FOR CAPITAL GAS LIGHT COMPANY

Miles	No.	well No.	Owner	Use	WBF	TD (ft)	Comments
0 - 0.25	0						
0.25	/1	58-42-9D	C of A	I	All	45	At Auditor- ium
	/2	58-42-907	C of A	I	All	52	11
	/3	58-42-909	C of A	I	All	47	11
	/4	58-42-909	C of A	I	All	51	11
	/5	58-42-917	C of A	I	All	55	11
		58-43-706	C of A	Abn	Eds	480	Library
	1	58-42-9b	O'Neal Construct -ion	Dom	Eds	250	
0.5 -	/1	58-42-919	C of A	I	Eds	?	Zilker Park
	/2	58-43-702	State Capital	I	GR	1554	Fountain or Pond/ Sulphury
		58-43-703	Driskel Hotel	Abn	Hos	2250	Well is dry
		58-43-704	F.B. Perry	Abn	GR	2025	Natator- ium well
	/3	58-43-708	S. Pacific Trans. Co.	Com	Trn	467	Sulphury
1.0 -		58-42-901	C of Rolling- wood	Abn	Eds	244	Water bought from C of A
	1	58-42-903	Unknown	Dom	Eds	45?	
	/1	58-42-904,5	C of A	Psp	All	24	Pool use
	/2	58-42-906	C of A	Psp	All	26	Pool use

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		58-42-910,12	C of Rolling- wood	Abn	Eds	264, 570	Water bought from C of A
	2	58-42-911	Bee Caves Propers.	Dom	Eds	135	
	1	58-42-913	Park Hill Baptist Church	P	Eds	180	400 people served
	/3	58-42-914	C of A	Psp	Eds	435	Main Barton Spring/ pool use
	/4	58-42-916	C of A	Psp	Eds	430	Deep Eddy Springs/ pool use
	/5	58-42-920	C of A	Psp	Eds	470	Barton Spring/ pool use
	/6 [^]	58-42-921	C of A	Ps	Eds	450	Elina or Park Spring
	/7	58-42-922	Co fo A	Ps	Eds	465	Wash or Old Mill Springs
	3	58-42-924	(b) (6)	Dom	Eds	400	
	/8	58-42-95	Jimmy Shipwash	I	Eds	575	·
		58-42-927	TWDB	Mon	Eds	285	
	4	58-42-928	(b) (6)	Dom	Eds	303	
		58-43-701	US Dept. of Interior	Abn	All	45	Fish Hatchery
		58-43-705	UT	Tes	Eds	445	Sulphury
	5	58-43-8a	(b) (6)	Dom	All	60	

	6	58-51-103	(b) (6)	Dom	GR	1595	
2.0 - 3.0		58-42- 605,616	Austin State School	Abn	Eds ?	23, 240	
	1	58-42-607	(b) (6)	Dom	Eds	300	
	2	58-42-608	(b) (6)	Dom	Eds	145	
	/1	58-42-610	C of A	Ps	Eds		Miller Dam Spring/ Lake Austin
	3	58-42-617	(b) (6)	Dom	Eds	?	
	1	58-42-813	Dellana Hills Water Supply Coop	P	Eds	300	15 families
	2	58-42-814	Dellana Hills Water Supply Coop	P	Eds	300	families (both wells serve 75 people)
	4	58-42-812	(b) (6)	Dom	Eds	375	
	3	58-42-816	Ridgewood Village	P	Eds	290	240 people served
	4	58-42-822	Now G & J Water Sys Eco Resour- ces (was Dom)	P	Eds	300	/ser- ving 68 people
	5	58-42-24	(b) (6)	Dom	Eds	360	

_.

			(b) (6)		Ι_,	T	
<u> </u>	6	58-42-8a	(6) (6)	Dom	Eds	537	
	7	58-42-8D	(b) (6)	Dom	Eds	293	
	8	58-42-8(DT)	(b) (6)	Dom	Eds	293	
		58-42- 910,912	C of Rolling- wood	Abn	Eds	264, 245	Buys water from C of A
	/2	58-42-915	Leach	I	Eds	295	
		58-43-102	C of A	Abn	Hos	2246	???
		58-43-401	State (Mental) Hospital	Abn	Hos	1975	
	9	58-43-404	William Duggers, Jr. (Duggers Florist)	Dom & I	Aus Chk	?	Dugged well
	/3	58-43-405	Ed Seiders	Ps	Eds ?		Seiders Spring in Shoal Creek
		58-43-7a	National Fish Hatchery	Abn	Aus Chk	60	
		58-43-7b	C of A	Abn	Aus Chk	52	???
		58-43-804	Oaks Springs School	Abn	Tri	?	
3.0 - 4.0	1	58-42-503	(b) (6)	Dom	Hos	987	
		58-42-504	West Lake Water Supply Corp.	Abn	Hos	786	
	2	58-42-506	(b) (6)	Dom	Hos	938	
	3	58-42-511	(b) (6)	Dom	GR	358	

	4	58 - 42-5j	(b) (6)	Dom	GR	500	
	/1, /2, /3	58-42-512, 513, 514	C of A	Ps	GR		Springs
	5	58-42-5a	(b) (6)	GR	Dom	600	
	6	58-42-5d	(b) (6)	Dom	Ed/ Gr	510	
	7	58-42-601	(b) (6)	Dom	GR	140	
	8	58-42-603	(b) (6)	Dom	GR	400	
	9	58-42-604	(b) (6)	Dom	Eds	143	
	/4	58-42-611	C of A	Ps	Eds		Mt. Bonnell Spring/ under lake
	10	58-42-609	(b) (6)	Dom	GR	443	
÷	/5	58-42-618	C of A	Ps	Eds		Mormon or Taylor Springs
	/6, /7	58-42 - 619,620	C of A	Ps	Eds		Springs under Lake Austin
	11	58-42-621	(b) (6)	Dom	GR	190	
	12	58-42-6A	(b) (6)	Dom	Eds	483	
	13	58-42-6b	(b) (6)	Dom	Eds	483	
	14	58-42-801	(b) (6)	Dom	Hos	846	
	/8	58-42-802	Country Day School	Pр	Hos	1043	Used for swimming pool

<u>-</u>

· · · · · · · · · · · · · · · · · · ·			,			
	58-42- 803,804	West Lake Hill Presbyter -ian Church	Abn	LGR	897	
	58-42-805	Eanes School	Abn	?	?	
	58-42-806	(b) (6)	Abn	GR	420	
	58-42-807	(b) (6)	Abn	GR	420	
15	58-42-809	(b) (6)	Dom	Eds	340	
16	58-42-812	(b) (6)	Dom	Eds	375	
	58-42-810	(b) (6)	Abn	?	810	
17	58-42-818	(b) (6)	Eds	Dom	300	
/9, /10	58-42- 819,820	Barton- Larado Interst	Eds	Com	420, 450	
/11	58-42-821	Trigg Blg. National	Eds	Com	460	
18	58-42-8 (DB)	(b) (6)	Dom	Eds	216	
19	58-42-8(JR)	(b) (6)	Dom	Eds	537	
/12	58-428 (CWH)	City of West Lake Hills	Abn	Eds	200	
20	58-42=-8 (MR)	(b) (6)	Dom	Eds	260	
21	58-42-8 (CLT)	(b) (6)	Dom	Eds	317	
/13	58-43-801	Stanley Smith & ' Menkins	Hea lth	GR	1147	
	58-50-216	USGS	Tes	Eds	214	
	58-50- 217,218	USGS	Tes	Eds	214	

22	58-50-2 (TF)	(b) (6)	Dom	?	250	
23	58-50 - 302	(b) (6)	Dom	Ter / All	18	
24	58-50-3a	V.B. Lewis	All	Dom	80	
25	58-42-3A	(b) (6)	Dom	Eds	500	
/14	58-42-3	Brown School Ranch Treatment	I	Eds	530	
/15	58-51-101	Greystone Construc.	I	Ter / All	52	
/16	58-51-1d	Greystone Construct	I	Eds	700	
/17	58-51-201	Armstrong Implement Co.	I	All	40	
26	58-42-8L#1	(b) (6)	Dom	Eds	250	
1	58-42-8L#2	Forrister -Vier- Westview Jt. Venture (used to	P	Eds	?	
/18	58-51-203	V.E. Grove	I	All	30	·

=

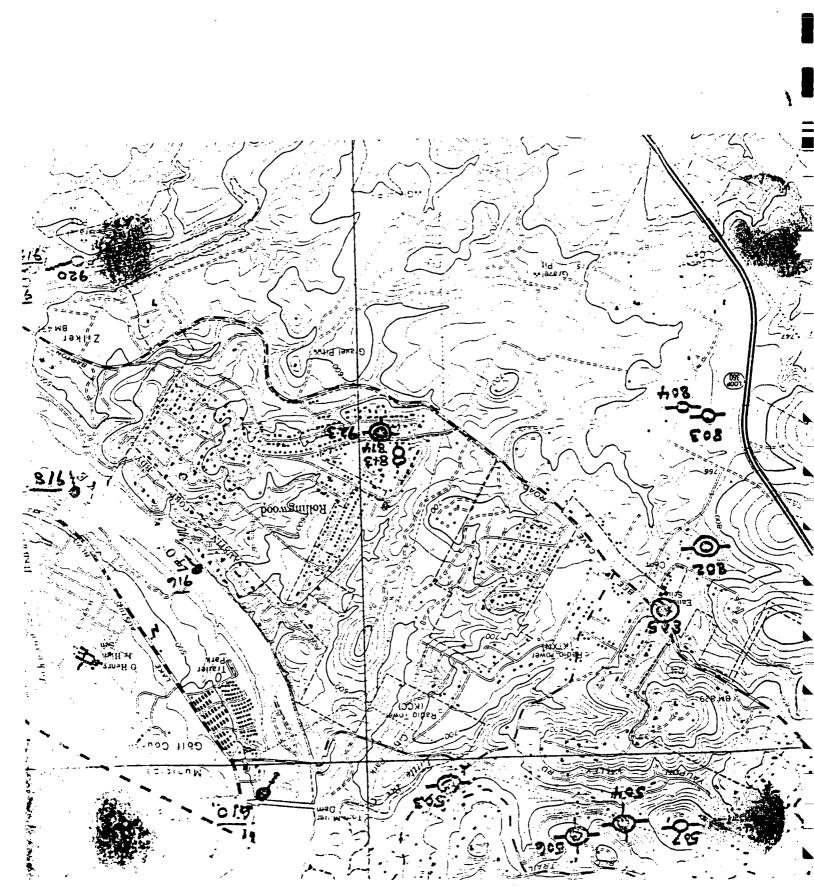
TEXAS WATER DEVELOPMENT BOARD

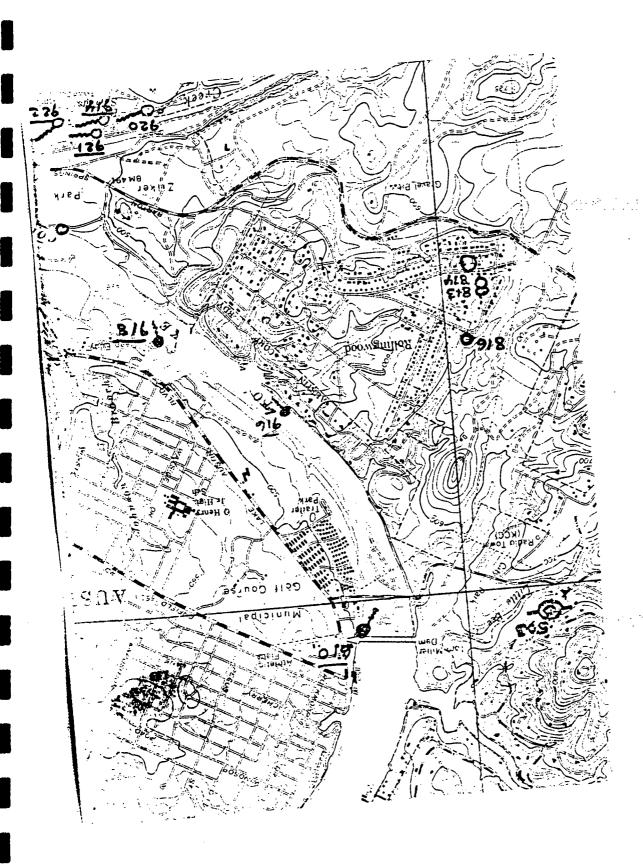
WELL SCHEDULE

Aquifer Kee	Pield No. No. Wo. Well No.		1 No. 58 - 4	(2. 813	.
1. Location:1/4,1/4 Sec	, BlockSurvey			[]	
2. Owner: (b) (6) Tenant: (Allana Hills	Address: Maga	Quetin	b) (6)		
Driller: Mercaning LSD	Address: Wel	l behind ha	<u></u>) (9);	+
Drilled:	; Dug, Cable Tool, Rotary,		CASING & BL	ANK PIPE	
Depth: Rept. 300 ft. Meas.	^{ft.}	Cemented Diam.		ft. to	n.
5. Completion: Open Hole, Straight Wall, Under	reamed, Gravel Packed	(in.)	Туре	Setting from	ti
Pump: Mfgr.		8	Steel		
Bowle Diam. in Length Ta	pilpipeft.		- Yust		
Motor: Fuel Hake		1	 	·	
. Yield: Flow gpm, Pump gpm			1		
O. Performance Test: Date Length	of Test Made by			. 4 4 .	
Static Levelft. Pumping Level 26					
TM ft. rept. 3-16 meas. 216,89 ft. rept. 3-16 rept. meas. 2. Use: Dom., Stock, Public Supply Ind., 3. Guslity: (Remarks on taste, odor, color, etc.)	1973 above 1978 below 1978 above below 19 above below Irr., Waterflooding, Observation, Not	t Used,	which is which is which is	ft. abort below belo	Ve surf ow Ve surf ow
Temp. 71 °F, Date sampled for analysis	3-16-73 Laboratory SHD		WELL SC	REEN	
Temp *F, Date sampled for enalysis_	Laboratory_	Scree	on Openings	Setting	<u>, , , , , , , , , , , , , , , , , , , </u>
Temp *F, Date sampled for analysis_	Laboratory		Туре	from	to
4. Other data available as circled: Driller's	Log, Radioactivity Log, Electric Log,				
Formation Samples, Pamping Test,		.73		·	
5. Record by:	Dete 3-13 1	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		.]	
6. Remarks:					
		·	 		
Two wells supply	23 houses:				





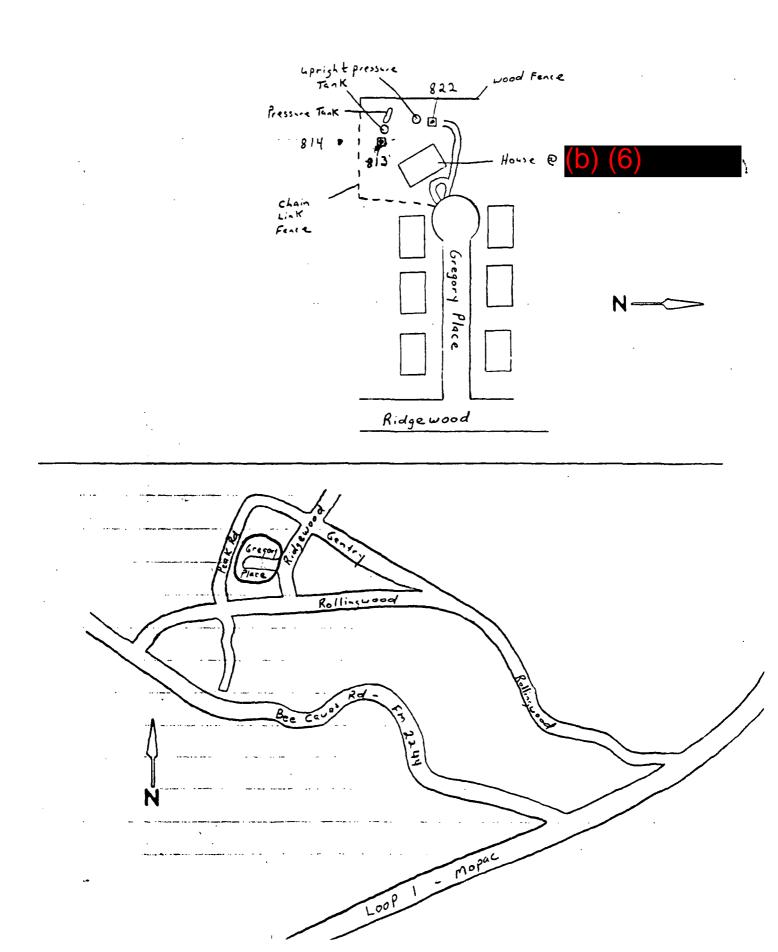




XAS WATER DEVELOPMENT BOATS WELL SCHEDULE

State Well No. SR 42813 Previous Well No. County	Ter il	BEG
10 17 19 26	(0)	28 30 Source of
River Basin	50	Coord. 52
Owner's Well No Location 1/4, 1/4, Section, Bloc	k, Su	rvey
Owner DELLANA SHILKS DATER S DOILLE BURGES STATE OF THE S		
Address (b) (6) Astr., $\tau_{>}$ 79746 Address		·
Tenant(b) (6) Address		1 0 (532
Date Drilled 10 0 0 17 Depth Depth Datum 25 Source of Depth Datum 25	Altitude 27 30	Source of Alt. Datum
Aquifer Educads Well Type 43 User 45	53	· •
Well Construction Const. Method Casing Material 55	Casing or Blank Pipe Well Screen or Slot	
Screen Completion 61	Open Hole (O) Cemented from Diam. Se	etting (feet)
exact	(in.) From	7 5 7 6 23
Lift Data Pump Mfr Type Ft. Column Diam in. Length Tailpipe ft.	26 0 3 3 5 3	0 2 7 0 9 32
Fuel or Power Horsenwer	42 58 58 58 58 58 58 58 58 58 58 58 58 58	55 71
Yield Flow GPM Pump GPM Meas., Rept., Est Date	10 2 2 2 2 2	22.
Performance Test Date Length of Test Production GPM	26 <u> </u>	39
Static Level ft. Pumping Level ft. Drawdown ft. Sp. Cap GPM/ft.	58 3 4 3 3 2 5	河區開閉區 714
	10	23
	26 42 42 43 43 44	31
10 12 14	58 葉 東衛 警戒屋	图图图图 7.
Available Level Quality Logs Logs Logs Data Data Data Logs Logs Logs Logs Logs Logs Logs Logs		21 图 20 元 图 22
(+) Above Water Date Meas ft. (-) Below Landsurface	26	12
Levels	58 京都是湖底商	图是图影型71
Recorded By Date Record Collected or Updated	Reporting Age	ncy 642 43
Remarks 10 今子子有音子有音子為學問題國際問題國際問題問題問題問題的問題	44	Well Schedule In TWDB File
3.8.7.7.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	80	4t
10 在10 在10 在10 在10 在10 在10 在10 在10 在10 在	(本) (基) (44) (44) (44) (44) (44) (44) (44)	-
10 美元子公子公子公子会会会会会会会会会会会会会会会会会会会会会会会会会会会会会会会	80 44	
46 4 7 2 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1	80 BO	
	AguiferEdu	دلمہ مار

Well No. <u>58 · 42 - 813</u>



APPLICATION FOR WATER WELL PERMIT

BARTON SPRINGS - EDWARDS AQUIFER CONSERVATION DISTRICT

909 North Loop 4, Suite F Buda, Texas 78610
Austin Phone 512/282-8441 Buda Phone 512/_____

Fore RO01

FOR DISTRICT USE ONLY Application No.
Date Application Filed
District Well No.
Nonexempt WellYesNo
Permit ApprovedYesNo
Date Permit Approved
Permit No.

TR-47-813

	Permit No.
GENERAL INFORMATION	
WELL OWNER: DELLANA HILL	S WATER SYSTEM - Coop
CORRESPONDENT: — (6)	,
ADDRESS:	
Street or P. O. Box	
	State Zip Code
ATTENTION: City (b) (6)	State Zip Code
PHONE NUMBER: (b) (6)	
WELL DESCRIPTION,	
TYPE OF WELL: Water Supply Monitor	Test Other
	vey 7.5' Quadrangle Map showing well site location.
(2) Provide specific direction	s to well site: AT END OF GREGORY PLA
CUL DE SAC	5 to work 51td. 227 227 277 277 277
DRILLERS LOG ATTACHED:YesNo	
	vet drilled, provide driller's estimate)
DEPTH TO FIRST SCREEN OR BOTTOM OF CASING:	
PRINCIPLE AQUIFER IN WHICH WELL DEVELOPED:	EDWARDS
INSIDE DIAMETER OF CASING: Inches	
PUMPING CAPACITY:2\(\) GPM	ELECTRO- MERSURES
TYPE OF METER: Instantaneous Flow Totalized	Flow VOther KILLDWATT ITOURS None
AGGREGATION: Total Number of Wells in Aggregate	
STATUS AND COMPLETION: Existing Well	New Well
Completion Date	BOTH Anticipated Completion Date
Operating Well Ves	No Anticipated Operation Date
WATER USE INFORMATION	·
USE OF WATER PRODUCED: DOMESTIC	SUPPLY 25 HOUSEHOLDS
OCC OF WATER TROUBLES.	
MAX, PRIOR ANNUAL PRODUCTION FROM THIS WELL:	Million Gallons Year
MAX. PRIOR ANNUAL PRODUCTION FROM AGGREGATE W	
REQUESTED ANNUAL PRODUCTION FROM THIS WELL:	Million Gallons
REQUESTED ANNUAL PRODUCTION FROM AGGREGATE WI	4 i
PORTION OF WATER USED WITHIN DISTRICT BOUNDARI	
WATER QUALITY DATA ATTACHED: YesNo	to. Ezzratent
MATER GOVERN DULL VILLOUIS.	
I hereby make application to the BARTON SPRINGS - EDWAI	
(h) (6)	-8-88
SIGNATURE OF OWNER OR AGENT DAT	· · · · · · · · · · · · · · · · · · ·
SUSBSCRIBED AND SWORN TO before me by the said owner or	agent on this the 8 day of Februar, 1988
Mai . 1 Till .	J
Maria Clubia	MADIA C. DILLIS
NOTARY PUBLIC, STATE OF TEXAS	MARIA C. PULIS Commission Pexpires:
	OCT. 23. 1988

Typewrite (Black ribbon) or Print Plainly (soft pencil or black ink) Do not use ball point pen

Texas State Department of Health Laboratories 1100 West 49th Street Austin, Texas 78756

•	TWDBE-GW ONLY
Progran	No
Proj. No	

GH	EMICAL WATER A	NALTSIS HEPORT	Count		14	1	<u>RA</u>	√	, s ·
Send report to:	•		Count	v <u>e</u>	آءا	7-[4,	-8	
Ground Water Data and Protection Division Texas Water Development Board P.O. Box 13087 Austin, Texas 78711		•	State \	35	io. E.1	Well [7 2 Vo	<u>ا</u> 7	3
^	41100		ву	<u>د</u>		<u> </u>	<u>~~</u>		
Location	lan Hill						—		
Source (type of well)	4	(D) (D)						—	
Date Drilled Depth 300	•		٠.		_				
Producing intervals Water level			· .			9 7	LΓ	à l	\Box
- Point of collection		GPM meas.	, ,			3.	ا°F ن	11	°c
		Appearance					Hored		other
Use Remarks									
(FOR LABORATORY USE ONLY)					===				
Laboratory No. 245631	CHEMICAL AND Date Region of th	ALYSIS KEY PUNCH		e Rep	orted .	AP.	IR - 1	à,19	373
MG/L	ME/L WAR I	9 1973	MG	/L			ME/L	<u>,</u>	4
Silica	···	Carbonate · · · · ·							/.
Calcium - · · · · · · · · · · · · · · · · · ·		Bicarbonate · · · ·].	
Magnesium · · · · · ·		Sulfate							
Sodium · · · · · · · · · · · · · · · · · · ·		Chloride · · · · ·	\coprod						-
Total		Fluoride · · · ·	$\perp \downarrow$].	$\perp \downarrow \downarrow$
Potassium · · · · ·		Nitrate · · · · ·				Ц].	
☐ Manganese · · · · · · · · · · · · · · · · · ·	6Na	рН · · · · · .	∐,	\sqcup	Tot	ai 🔲	\perp		
· · · · · · · · · · · · · · · · · · ·	AR	Dissolved Solids (sum in MG/L)		•	•	·Ц		Ц	Ш
	} sc	Phenolphthalein Alkalinity as C	aCO3		• •	$\cdot \cdot $		Ш	
□ (other) MG/L		Total Alkalinity as C aCO ₃		•		• •		Ш	$oxed{oxed}$
Specific Conductance (micromhos/cm ³) · · · · · ·		Total Hardness as C aCO3		•					
Diluted Conductance (micromhos/cm ³)		2/ Nitrogen (. · .	•	•	$\cdot \square$		ıi.	
" 🔲 " items will be analyzed if checked.		Nitrite - N · · · · ·			• A	$\cdot \prod$			
1 The bicarbonate reported in this analysis is converted (multiplying by 0.4917) to an equivalent amount of ca		Nitrate - N			٠	$\cdot \square$			\prod
carbonate figure is used in the computation of this sum. 2/ Nitrogen cycle requires separate sample. 3/ Total Iron requires separate sample.		Organic Nitrogen · · · ·		٠	·;····		a		
TIMP DE .IMP. 1 / Par 1-25.72)		Analyst	CI	necke	d By				

Typewrite (Black ribbon) or Print Plainly (soft pencil or black ink) TWDBE-GW ONLY Do not use ball point pen Program No. _ Texas State Department of Health Laboratories 1100 West 49th Street 421 Austin, Texas 78756 Proj. No. _ **CHEMICAL WATER ANALYSIS REPORT** Send report to: State Well No. Ground Water Data and Prot Texas Water Development Board P.O. Box 13087 Austin, Texas 78711 Date Collected Location Source (type of well) Date Drilled ___ . Water level Producing intervals GPM meas. Sampled after pumping hrs. Yield . Point of collection Appearance grant clear turbid colored cother Remarks (FOR LABORATORY USE ONLY) CHEMICAL ANALYSIS KEY PUNCHED APR - 6 19.7 Laboratory No. . Date Received __ Date Reported . MEİL MG/L ME/L MG/L Silica Carbonate 140 Bicarbonate Calcium Sulfate Magnesium Chloride Sodium □ Potassium Nitrate Total 1/ Dissolved Solids (sum in MG/L) -3/□ Total Iron Phenolphthalein Alkalinity as C aCO3 -Total Alkalinity as C aCO₃ (4.66) MG/L (other) Total Hardness as C aCO₃ (.5..20) Specific Conductance (micromhos/cm³) · 2/ Nitrogen Cycle Diluted Conductance (micromhos/cm³) Ammonia - N · " \(\text{"} \) items will be analyzed if checked. Nitrite - N · y The bicarbonate reported in this analysis is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum, 2/ Nitrogen cycle requires separate sample. Organic Nitrogen -3/ Total Iron requires separate sample.

Analyst

Checked By

TWDBE-WD-1 (Rev. 1-25-72)

APPLICATION FOR WATER WELL PERMIT

BARTON SPRINGS - EDWARDS AQUIFER CONSERVATION DISTRICT

Bude, Texas 78610 909 North Loop 4, Suite F Austin Phone 512/282-8441 Buda Phone 512/.

FOR DISTRICT USE ONLY Application No.
Data Application Filed
District Well No.
Nonexempt WellYesNo
Permit ApprovedYesNo
Date Permit Approved
Permit No.

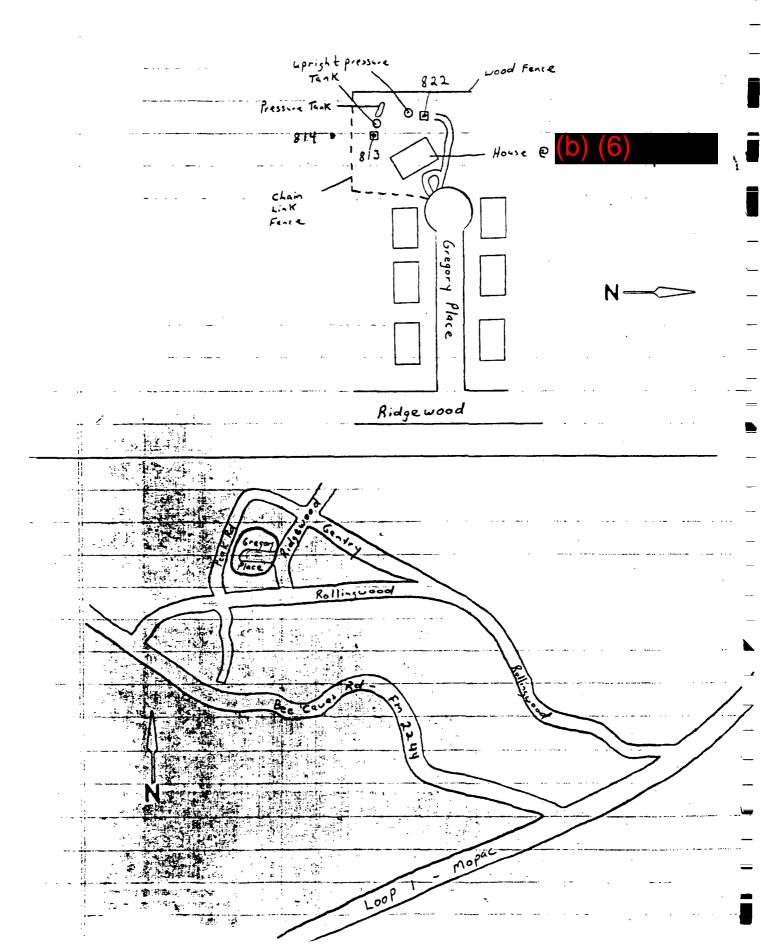
ъ. – Соср
ги - Соср
78746
Zip Code
ng well site location.
= GREGORY
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ours : None
Weii
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on Date
n Date
0192
2197
- Online Vers
odalions Year
. Dalla Vana
n Gellons

DATE

SUSBSCRIBED AND SWORN TO before me by the said owner or agent on this the day of ebrua MARIA C. PULIS

NOTARY PUBLIC, STATE OF TEXAS

COMMISSION EXPIRES commission oldir 83.

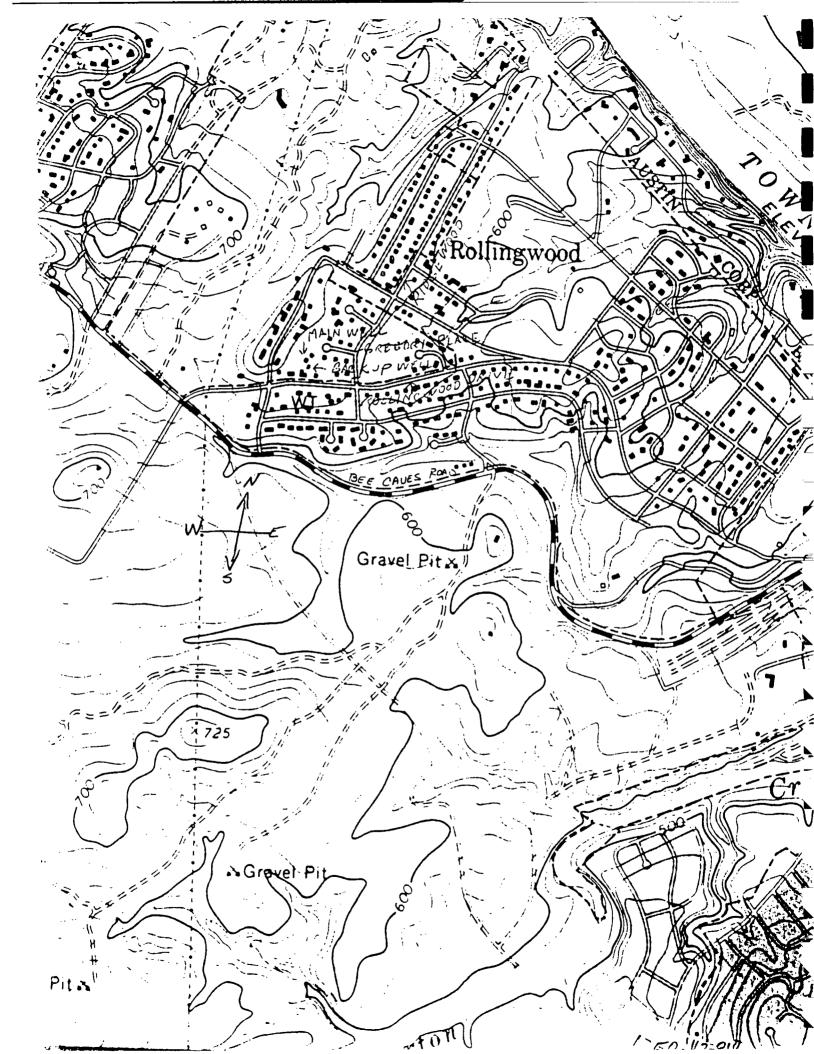


TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Field No.	State Well	No.58 . 42	- 814	
Owner's Well No. Se. Well	County	Francis		
1. Location: 1/h, 1/h Sec. , Block Survey				
1. December 1/4, 1/4 000 2, Diece 1 _ 2 000 707 2			L	L_\-\
2. Ormor: Dellan Hills Subdiviring Address: Bolind la	م	(h) (9)	∎l i	
		(6) (6)	-	
Tenent:Address:Address:				
Driller: Address:				
3. Elevation ofLSDis660ft. above msl, determined to	Dy 79 p		ـــنـــــ	i
4. Drilled: 19 ; Dug, Cable Tool, Rotary,		CASING & BLANE	PIPE	
5. Depth: Rept. 300 ft. Mess. ft.	Cemented Diam.	From ft.	toSetting	<u></u> ณ.
6. Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed	(in.)		from	to
7. Pump: Mfgr. Type		0. 4		
No. Stages , Bowls Diam. in., Setting ft.	10	Steal		
Column Diamin., Length Tailpipeft.				
8. Motor: Fuel Elec. Make & Model HP. 5	LI			
9. Yield: Flow gpm, Pump gpm, Meas., Rept., Est.				<u>_</u>
10. Performance Test: Date Length of Test Made by]
Static Level ft. Pumping Level ft. Drawdown ft.	[]			
Production gpm Specific Capacity gpm/ft.		_		Ì
		which is	rt, sbo	ve gurface
11. Water Level: 100 ft. Cept 19 above 19 Level 19 TM ft. Fept. 3-16 1973 above Reals 1973 above 1974 above 19				
213,9 rt. rept. 3-15 1978 above below		which is	rt. abo	ow Te surface.
meas. 19 above meas. 19 below		which is	rt. abo	ow Te surface.
below 12. <u>Use</u> : Dom., Stock, <u>Public Suppl</u> , Ind., Irr., Waterflooding, Observation, Not Used,			-	
13. Guslity: (Remarks on taste, odor, color, etc.)				
Temp. *F, Date sampled for analysis Laboratory	ř	WELL SCRE	EN	-
Temp. °F, Date sampled for analysis Laboratory	Diam.	Туре	Setting	
Temp. °F, Date sampled for analysis Laboratory Laboratory	(in.)		from	to
14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log,				-
Pormation Samples, Pumping Test, 15. Record by: Date 3-13 19-73	 -			
Source of Data				
16. Remarks:			·	
MA 54 154 C C				
Mess. USGS				1
	L			

Dec 813



TEXAS WATER DEVELOPMENT BOATT) WELL SCHEDULE

State Well No. 58 42 821	Previous Well No.	c	ounty Tracis	4 5	30
River Basin Coloredo	4 Zone 3 Lat. 3 D	15 3 C Lor	19. 097 48	Source of Coord.	j
Owner's Well No Loca	ntion 1/4,	1/4, Section	, Block	, Survey	
JOINT VENTA		31 33	RAL TEX		52
Address 2499 6000 360 50.14 Scite	201 , 12571-,7 × 78746	Address F.O. Do	37/7 - Majtin ,	12 17 13 9	
Date Drilled Di 10 9 19 17	Depth 19	23 25	Altitude 27	Source of Alt. Datum	<u>^</u>
Aquifer Edveds 2	1 R E D R D Type	User 45	53		
Well Construction Const. Method Screen Material	Casing Material	Steel		r Blank Pipe (C) een or Slotted Zone (S) ele (O) of from	
Lift Data Pump Mfr.	Type Saba	S No. Stages		0 350	23
Lift Data Pump Mfr. Bowls Diam. Bowls Diam.					39 55
Motor Mfr Power	E/ec E Hor	sepower 67	O O 58		71
Yield Flow GPM Pump GPM N	Meas. Rept. Est.	Date	10		23
Performance Test Date 2-2-82 Static Level 262 ft. Pumping Level 273			42 1		39 55 71
Quality (Remarks on Taste, Odor, Color, Etc.)			10		23
	·		26		39
10	econdary Use12	Tertiary Use	14 58		55 71
Other Data Water Water Quality Logs		Other Data	10		23
101211012111010	20	, , , (+) Above	26		39
Water Date 012 012 119 872 Levels Date 11 1 1 1 1	1 Meas. 2 6 2 • 2 Meas.	ft. (+) Above (+) Below Landsurfa			55 71
			1000		•
Recorded By	Date Record Collected	or Updated 33	40 Rep	oorting Agency 2 1 42 43 Well Schedule	77
10		+++++			45
10				44	
46				80	
10		+++++		44	
46				80	

APPLICAT LFOR WATER WELL PERM.

BARTON SPRINGS - EDWARDS AQUIFER CONSERVATION DISTRICT

909 North Loop 4, Suite F Buda, Texas 78610
Austin Phone 512/282-8441 Buda Phone 512/_____

FOR DISTRICT USE ONLY
Application No.
Date Application Filed
District Well No.
Nonexempt WellYesNo
Permit ApprovedYesNo
Date Permit Approved
Permit No.

					1	Permit No.		
GENERAL INFORM	IATION				_			
WELL OWNER:		Foris	ter-Vier-	Westvi	<u>ew Joi</u>	nt Ver	iture	
CORRESPONDENT:		2/22		C 1	0	201		
ADDRESS:			Loop 360	South,	Suite	201		
	Street or P).	n			$T_{\mathbf{X}}$	78746	
	City	Aus_cr	<u> </u>			State		Code
ATTENTION:		James	G. Vier			Julio	2.0	,000
PHONE NUMBER:	512 / 32	<u> 27 - 2478 </u>			7-17-2-1			
WELL DESCRIPTI								
· · 		Supply	1onitor	Test	Other			
LOCATION OF WELL:		uttach U. S. Geo						location
COOMING WELL.	(2) F	Provide specifi	c directions to	well site	See 1	nap in	attac	hed
		report.	5 G. (GC (G ())					
DRILLERS LOG ATTA	`	Yes No	1					
TOTAL WELL DEPTH		,_460 Feet		drilled, pro	vide drille	r's estima	te)	
DEPTH TO FIRST SC	CREEN OR BO	OTTOM OF CASI	100: -13	<u>0</u> Feet				
PRINCIPLE AQUIFE	R IN WHICH	WELL DEVELO	PED: Edwa	ards				
INSIDE DIAMETER (OF CASING:	U6 Inches		_				
PUMPING CAPACITY	Y:	16 G	PM					
TYPE OF METER: 2	🛴 Instantar	neous Flow X	_ Totalized Flo	ow 0	ther			None
AGGREGATION: 1	Total Numbe	r of Wells in A	vooregate 01	Permi	it Number	of Lead V	Vel1	
STATUS AND COMPL	LETION:	<u>Existing</u>	₩ell			New We	11	
	C	ompletion Date	4/9/81	An	ticipated	Completio	on Date _	
	0	perating Well	\underline{X} Yes \underline{N} 0	Аг	ticipated	Operation	Date	
WATER USE INFO	DRMATIO	N						
USE OF WATER PRO	ODUCED: _	Drinking	flushi	ng. lav	<u>m.</u>			
MAX. PRIOR ANNUA	AL PRODUCT	ION FROM THI	S WELL:		1		Gallons	Year 84
MAX. PRIOR ANNUA	AL PRODUCT	ION FROM AGG	REGATE WELL	S:,	N/A	_ Million	Gallons	Year
REQUESTED ANNUA	IL PRODUCT	ION FROM THE	S WELL:		9	_ Million	Gallons	•
REQUESTED ANNUA	L PRODUCT	ION FROM AGG	REGATE WELL	S:,	N/A	_ Million	Gallons	
PORTION OF WATER	R USED WIT	HIN DISTRICT	BOUNDARIES:	100	Percent			
WATER QUALITY DA			No					
TTTTLE CONCILL OF								

NOTE: This is a protective filing only, as we are requesting an exemption since the well makes less than 10,000 gallons per day.

(TXAS WATER DEVELOPMENT BOATTI

		/					
State Well	No. 58 42 8	Previo	us Well No.	26	County Tra	دار	<u> </u>
River Basir	Colorado	7 4 Zone	Lat. (b)	(9)	Long. (b) (9)	50	Source of Coord. 52
Owner's W	/ell No	Location	1/4,	.1/4, Section	, Block	, Surv	/ey
5							
Owner		サトビ L S 回 c o p		Driller Signature	2000年1000年100日 2000年2000年	からは ない。 をは は は は は は は は は は は は は は	
Address	(b) (6)	Astin, tr 7	4746	31 33 Address			52
Tenant	(b) (6)			Address			
Date Drille	0000	997	Depth Depth	Source of Depth Datur	n Altitu	ide 653	Source of Alt. Datum
Aquifer	Educads		DRDA We	23 ill	25	27 30 53	32
Well Const	Const. ruction Method		Casing Material _		티 / v	Casing or Blank Pipe (Vell Screen or Slotted	
	Screen Material	**	Completion	1			to ing (feet)
		_	59	E	61	(in.) From	To 23
-	Pump Mfr in			63	es	382	7 2 5 0 0 39
•	or Mfr	Fuel or Power		rsepower	1 ft.		55
Wilde			65	0,	73 58		等學生吃71
Yield Flo	w GPM Pump i	GPM Meas., Rep	t., Est	Date	26		39
Performance State	e Test Date ic Level ft. Pump	•	Test		GPM 42 32 32 32 32 32 32 32 32 32 32 32 32 32		55
	marks on Taste, Odor, Color				58 A.		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
		, 10.,			26		23
Water Use	Primary Use P. S.	Secondary I	Jse	Tertiary Use	14 42		55
Other Data Available	Water Water Level Qualit	Logs 🖟		Other Data	58 41		71
	16	18 20	25	27	31 26 ``		39
Water Levels	Date	Meas		(+) Above 	dsurface 42	りありは夢 ロウロ強硬を	三
Recorded B	v _ 1. L		Date Record Collecte	25 (7)	20 1998	Reporting Agenc	, 52
Remarks	10 學家 因為 實際]					44	42 43 Well Schedule In TWDB File 45
<i>)</i>	46 4 2 2 8 2 2	A.武器 计多数数据			公司的	<u></u>	45
	10		经验型发展的	第個本數數程		44	
	48		1. 医线电影照影		2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	80	
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					Aqı	uiter <u>Edu</u>	a-15

									<u> </u>
Send original copy ' certified mail to th. Texas Department oer Resourc P. O. Box 13087 Austin, Texas 78711	w	State (Ċ		For TDWF Well No	50-42-1	
1) OWNER Trig For			Address			Loop 360	Aust		
2) LOCATION OF WELL: Tr	(Name) avis		miles in		eet or		(City)	(State)	(Zip) •
					., S.W	., etc.)		(Town)	
Driller must complete the legal descriving distance and direction from two tion or survey lines, or he must local well on an official Quarter- or Half-S General Highway Map and attach the	o intersecting sec- ie and identify thi icale Texas Count	it - e ty n,		o No and dire	ection	Block No Survey N. from two intersecti	eme		
			See attache	d map.	V	rape	~ 58	<u>-35</u>	-47
3) TYPE OF WORK (Check): \$\infty \text{New Well} \text{Despen} \text{Pluggin} \$\text{Reconditioning} \text{Pluggin}	ing 🕱 Dome	OSED USE (Chartie Industrian III Test W	rial 🗅 Public		,	☐ Mud Rotary	METHOD (Check) Air Hammer Cable Tool	□ Driven □	
6) WELL LOG:	Dia. (in.)	AMETER OF F From (ft.) Surface	10LE To (ft.)	,		REHOLE COMPLE	☐ Straight Wall	o t	Inderreamed
Date drilled 4-9-81	6	350	460			rvel Packed Gravel Packed give in	Other	ft.	to ft.
From To (ft.) (ft.)		nd color of for material	mation	1		SING, BLANK PIPE			
0 1					Dia. New	Steel, Plastic, etc. Perf., Slotted, etc.		Setti	ng (ft.)
1 63					Used	Screen Mgf., if c		From	To S
	oken Edw			6	1/8				-
350 460_	Limes	tone Wa	ter		Nev	Steel		0	350
				,	Vethod	ted fromtusedtused byCentr	O ft. al Texas (Company or	to8(
				,	Sta	TER LEVEL:	ft. below land sur	rface Date	
				- 10) PA	CKERS:	Туре	Depth	······································
(Use reve	rse side if necessa	γ)		1'	□ Tui				□ Cylinder
13) WATER QUALITY: Did you knowingly penetrate:		contained unde	sirable	12		LL TESTS:		<u> </u>	
water? □ Yes <u>XC No</u> If yes, submit "BEFORT OF U Type of water? Glen Ro	NO ESTRABLE V		o'		□ Ty	pe Test: ☐ Pur		₩ Jetted	☐ Estimati_

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. Towas Drilling Co. Water Well Orillers Registration No. _
(Type or Print)

Austin (City) Texas

78764 (State) (Company Name)

Yield: _20-30_ gpm with _

Please attach electric log, chemical analysis, and other pertinent information, if available.

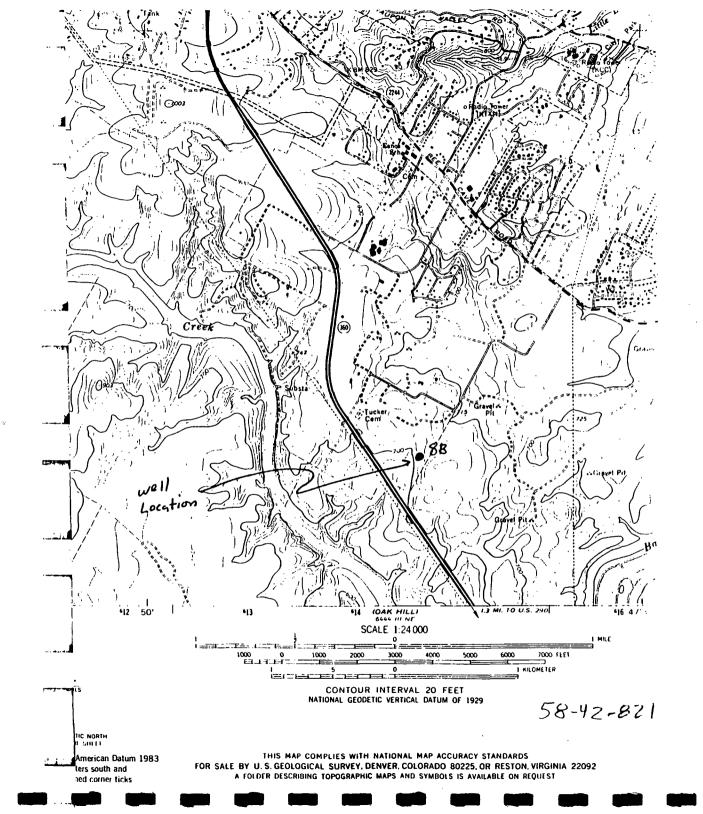
x^{₽ No}

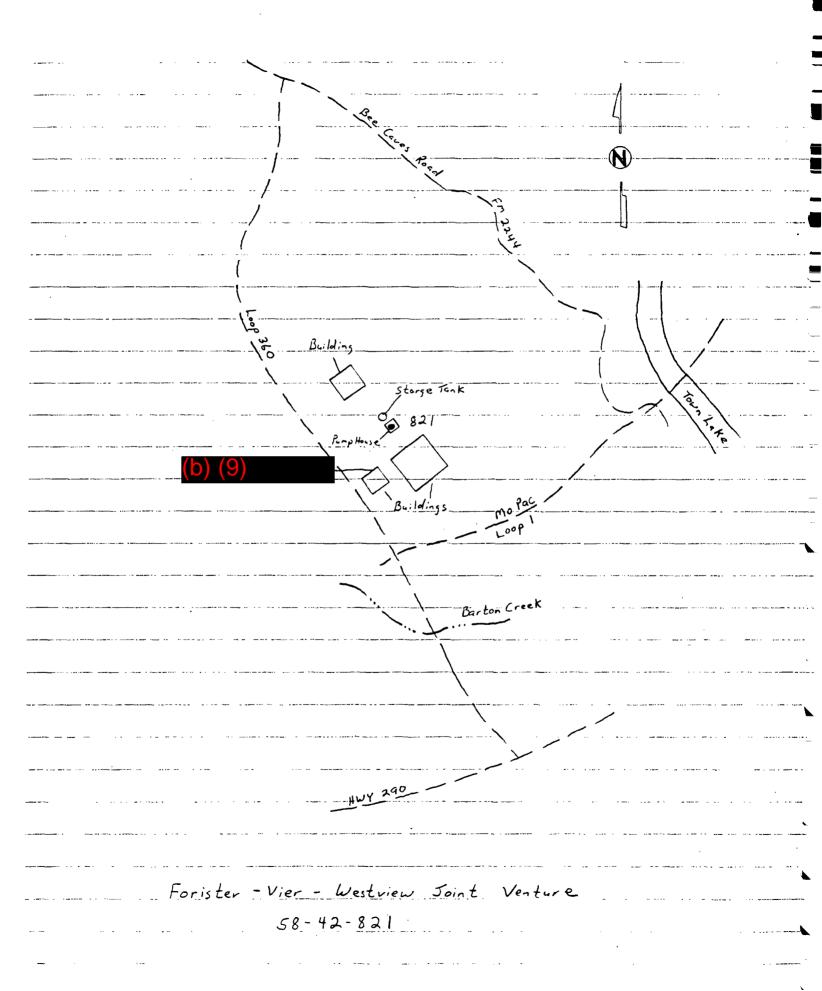
"Additional instructions on reverse side. TDWR-0392

58-42-821

ft. drawdown after_

SEP 01 1982







WATER WELL EVALUATION 2502 Loop 360 South Austin, Texas

for
Trigg Forrister

by
Underground Resource Management, Inc.

April, 1982



Underground Resource Management, Inc.

April 8, 1982

J81-609

Mr. Trigg Forrister 2501 Loop 360 South Austin, Texas 78746

Re: Public Non-Community Water System Trigg Forrister Office Building

Dear Mr. Forrister:

Enclosed is a brief report covering our investigation into the suitability of your well for use as a water supply for the new office building.

As you will note in the report, there are some discrepancies in the well construction techniques and well location as related to the TDH Regulations. However, our review of the information indicates the well can function as a safe and dependable supply of water. Based on the building size and anticipated usage, there should be less than 100 persons in the building. Based on the TDH requirement of 18 gallons per day per person for an adequate water supply, the well would only need to produce 1800 gallons per day. The existing well and pump is capable of producing 16 gallons per minute or 7680 gallons during an 8 hour day.

We recommend that this report be forwarded to the Texas Health Department along with a request for approval of the well. If approval is received, then a Registered Engineer should be retained to design the remaining system and, the discrepancies noted in our study should be corrected.

Please contact me if you have any questions concerning this report.

Sincerely,

Bob Kent Vice President

BK/sgl Enclosure





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INTRODUCTION

In January 1982, URM, Inc. was retained to review the records related to a water well located at (b) (9). Austin, Texas (Figure 1). The well was drilled and completed in April 1981. A new office is under construction at the site and the well is proposed to serve the office building. A review of the State regulations for public water systems indicates a water supply for a office complex of over 25 people will be classified as a public non-community water supply system. This report includes the available records on the well, the results of pumping test and well modification by URM, Inc. and the results of chemical and bacteriological analyses.

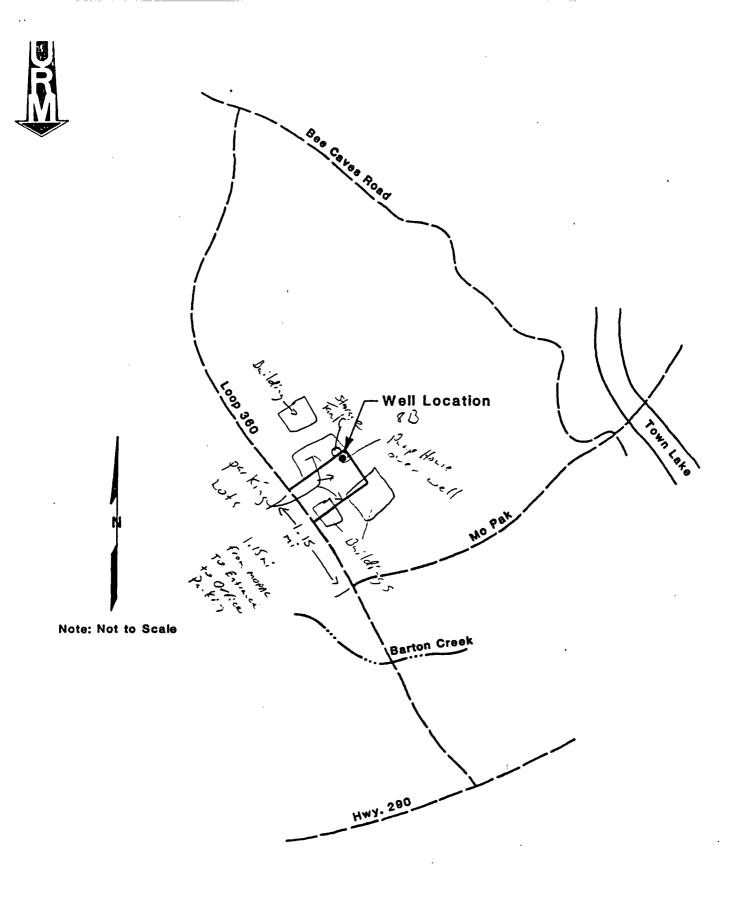


Figure 1. Project Location Map



DRILLING AND COMPLETION

The well was drilled and completed in April 1981 by Central Texas Drilling Co. A copy of the driller's log is enclosed in Appendix A. Based on the driller's log and discussion with the driller, a schematic diagram of the well was constructed (Figure 2). As indicated in the driller's report, new steel casing was set from ground surface to 350 feet below the ground surface. The log also indicates that the casing was cemented from 0 to 80 feet, however the method was not stated. Appendix B contains a letter from the driller stating the volumes and method of cementing. There are some discrepancies between the driller's log and cementing affidavit as to the hole size. If the hole size was 7 7/8 inches as stated in the affidavit, then the 1.5 barrels of slurry would have been sufficient to seal the annular space for 85 feet. the hole size was nine inches as indicated in the driller's log, then 1.5 barrels of cement would only fill 41 feet of annular space. either event, since the water table is at a depth of 280 feet, insufficient cement was utilized to meet public health regulations. After completion, a 2 HP Red Jacket pump was installed in the well. Pump specifications are contained in Appendix C.



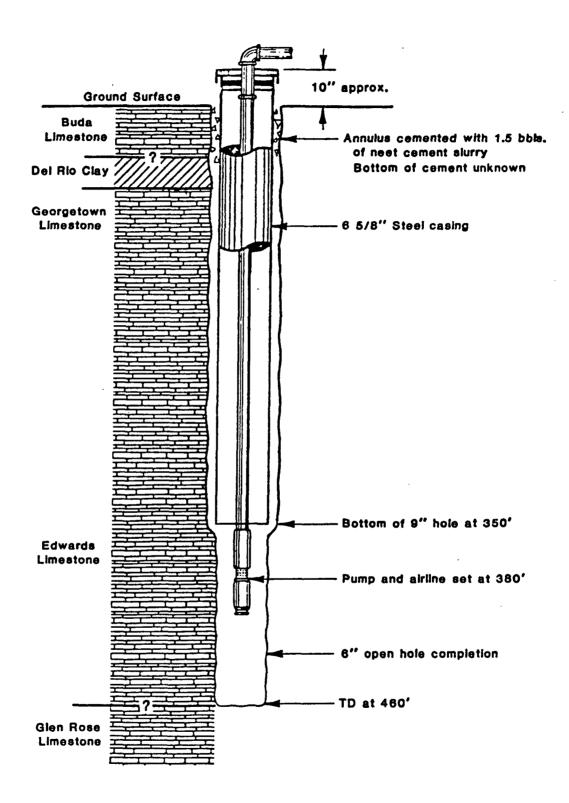


Figure 2. Diagram of Trigg Forrester Well



PUMPING TEST RESULTS

On February 2, 1982, Underground Resource Management, Inc., performed a pumping test to determine the specific capacity of the watersupply well located at 2501 Loop 360 South in Austin, Texas. The results of the test are presented in Table 1. The initial static water level was 262.2 feet below the top of the casing. The total depth of the well was measured to be 460 feet and the top of the pump was set at 380 feet below the top of the casing. The pumping rate was measured to be 16 gpm.

The transmissivity of the well was calculated to be 1030 gpd/ft based on the data presented in Table 1. The specific capacity of the well was estimated to be between 1.0 and 1.5 gpm/ft at 24 hours. Therefore, it is expected that the water level will remain well above the pump when put in service.

The well appears to be completed in the Edwards Formation of Lower Cretaceous Age. The Edwards Limestone is 350 to 400 feet thick in Travis County. It consists of hard granular limestone and dolomite and contains numerous chert nodules. The Edwards Formation is overlain by Georgetown Limestone and underlain by Walnut Clay and Glen Rose formations in the normal stratigraphic sequence. The Georgetown Limestone is about 40 feet thick in Travis County. The Georgetown Limestone is normally overlain by Del Rio Clay which is overlain by Buda Limestone. The driller's log indicates that approximately 64 feet of "Clay and Rock"



TABLE 1

Pumping Test Results Trigg Forrister Well February 2, 1982

Time Since Pumping Started (minutes)	Drawdown (feet)
0	. 0
1	2.3
2	4.6
3	4.6
4	6.9
5	6.9
10	6.9
15	6.9
20	6.9
25	9.2
30	9.2
45	9.2
60	9.2
90	10.4

Discharge Rate = 16 gpm
Initial Water Level (below casing top) = 262.2 ft.
Top of Pump (below casing top) = 380 ft.



were encountered over "Broken Edwards Fractures". It is believed that the "Clay and Rock" refers to the Buda Limestone and Del Rio Clay. The driller's log also indicates that Glen Rose water was encountered at 60 feet. However, our review of the geology and the water quality indicates the Glen Rose was probably not penetrated.



WATER QUALITY DATA

In July, 1982, after the well was drilled and completed, a sample of water from the well was collected by our laboratory for a standard ground-water analysis. The results of the analysis are contained in Table 2. The results of these analyses were compared to the TDH drinking water standards which were effective November 29, 1980. The only limit for public non-community systems is nitrate. The July, 1981 analyses indicates the nitrate level is well below the standard.

In late January, 1982, the well was disconnected from the pressure tank, the pump pulled and an air line installed in the well. The pump was then run back into the well. The well was chlorinated several times before a chlorine residual could be measured. After pumping the well to remove the residual chlorine, samples were collected for bacteriological analysis on February 3, 4 and 5. The results of the first two analysis reported no coliform organisms found. The third sample collected on February 5 was not analyzed by the Texas Department of Health laboratories because the request for analysis form was not properly filled out. Two subsequent samples collected on February 11 and 25 were also not analyzed because of silt in the water. A final sample was collected on March 8, 1982 which confirmed the absence of coliform bacteria. Copies of the bacteriological analysis are contained in Appendix D.



TABLE 2 Report of Laboratory Test Results

Facility: Trigg Forister Address: Trigg Forister Builder, Inc. 2501 Loop 360 South Austin, Texas 78746

Sample Location: Water Well - New (Pressure Tank)

Date Collected: 7/25/81 Time: 11:30 p.m. By: Rod Kimbro

Container No.	Type/Volume	Method	d of Preservation
1 2	1 Qt./LPE 1 Qt./LPE		ICE HNO3
Parameter		Parameter	
Calcium	49 mg/l	Bicarbonate	270 mg/l
Magnesium	21 mg/l	Sulfate	19 mg/l
Sodium	9.1 mg/l	Chloride	13 mg/l
Potassium	1.8 mg/l	Nitrate-N	0.24 mg/1
Total Dissolved Solids	224 mg/l	Fluoride	0.21 mg/l
Total Alkalinity 222	mg/1 (CaCO ₃)	pН	7.51 Std. Units
Spec. Conductance	430 umhos/cm	•	
Iron	<.03		



COMPARISON OF AS BUILT WATER WELL TO TDH REQUIREMENTS

As mentioned in the introduction, the water well was installed in April, 1981. The well and pressure tank were installed to replace another well which is located several hundred feet away. The well and pressure tank is used to serve an existing small office complex. The well and pressure tank system was not designed by a Professional Engineer and the owner and driller did not know that the well would be considered for a public water supply system.

The well as built was compared to the TDH rules for ground-water sources (Pages 8-12) and Table 3 was prepared from this data. In those areas where discrepancies were noted, they are discussed below separately.

Rule .003(c)(1)(F) - Sanitary Control Easement.

The well is located near the corner of the property. The nearest property boundary is approximately 30 feet. A sanitary control easement has not been obtained from adjacent landowners.

Rule .003(c)(3)(B) - Casing Height.

The casing only extends 10 inches above ground surface instead of the required 18 inches.

Rule .003(c)(3)(C) - Cementing

Available data indicates there was insufficient cement used to grout the annulus and the grout was poured in under gravity from the surface. Since the water table is approximately 260 feet below the ground surface, the casing should have been cemented to this depth. However, based on review of the geology, the Del Rio Clay should be just below the ground surface (10-30 feet). Therefore, if the well is cemented to a depth of 30-40 feet (which cement calculations indicate is possible), then the well is adequately protected from near surface contamination.



TABLE 3

	Meets Requirement	Does Not Meet Requirement
Rule .003 Water Sources (a) (b) (c) Ground-water Sources (1) (A) (B) (C) (D) (E) (F) (2) (A) (B) (C) (J) (A) (B) (C) (J) (E) (F) (G) (H) (i)		
(ii) (I) (J) (K) (L) (M) (N) (O) (P)	N/A X X N/A N/A (Exemp N/A X X	t) X
Rule .004 Water Measurement (a) Groundwater (1) (2)	N/A	x



TABLE 3 (Cont'd)

Rule .007 Quantity Requirements
(c) Non-Community
(1) Ground-water Supply
(A) <150 persons per day
(i)
(ii)
(iii)
X



Rule .003(c)(3)(E) - Concrete Pad.

A cement pad had not been placed around the wellhead.

Rule .003(c)(3)(F) - Venting

The wellhead is not vented and the existing sanitary seal only provides access parts for electrical and a vent (no extra opening for an air line). Figure 3 is a schematic drawing of a method to correct this.

Rule .003(c)(3)(M) - Fencing

The well and pressure tank have not been enclosed with an intruder resistant fence.

Rule .004(a)(1) - Chlorination

A chlorinator has not been installed on the well.

Rule .005(C)(1)(A)ii - Pressure Tank Capacity.

The tank capacity may not be sufficient and may not meet the requirements of Rule .006(d).



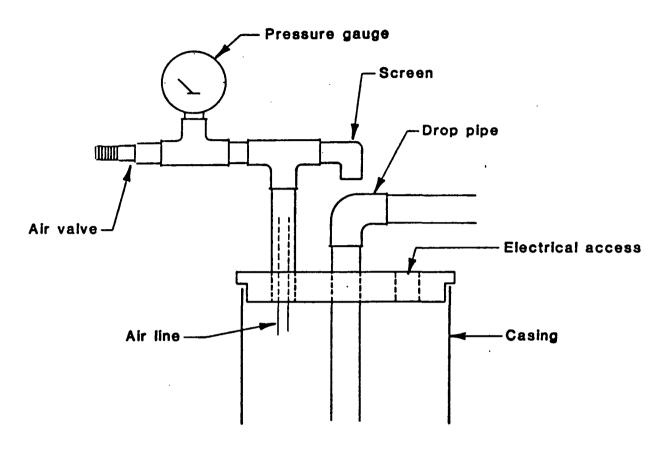


Figure 3.



RECOMMENDATION

It is recommended that an exception to the well construction techniques and well location be requested from the Texas Health Department. If this is received, then a Registered Engineer should be retained to finalize the pressure and distribution system plans and submit them for approval. In addition, the discrepancies noted in our investigation should be corrected.



58-42-821

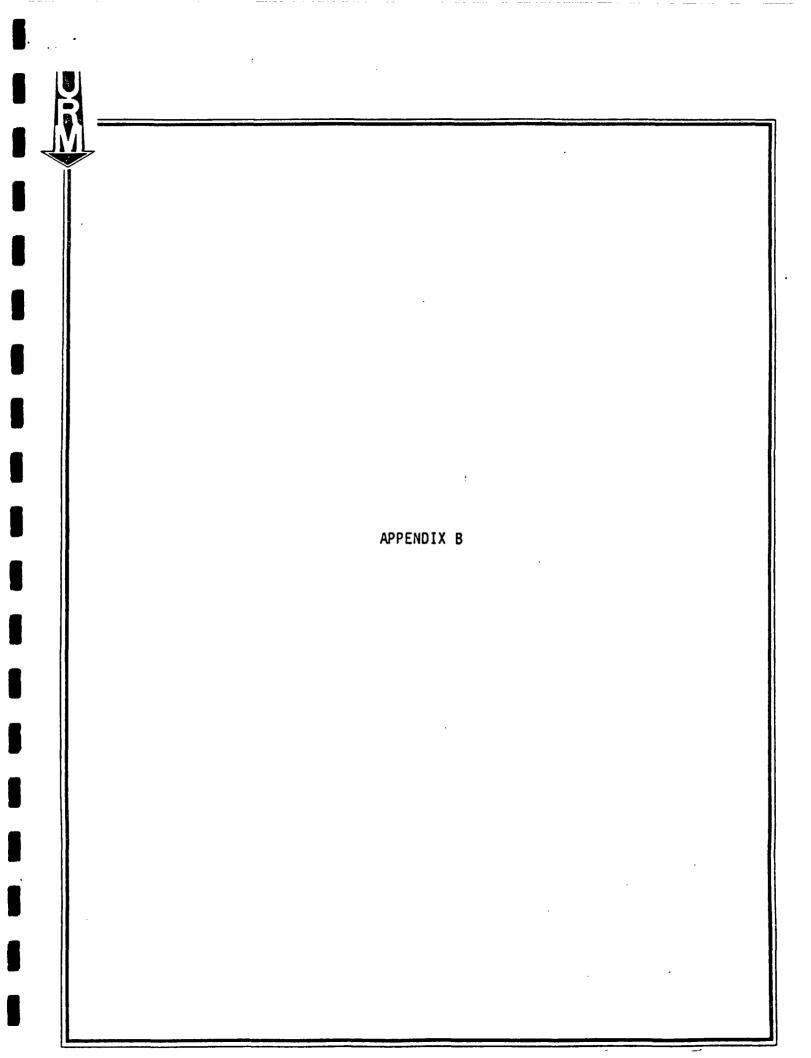


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IN LOCATION OF WELL. Trans	uis			(\$17	(†) O	AFOI	(City)	(State)	(Z·o)	
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		 	C Lagal doser	plien:						
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			C See ettache	d mag						
31 TYPE OF WORK (Check)	41 PROPO	SED USE (C	neck);			5) DRILLING METH				
**New Well (? Demening 'Reconditioning (? Plugging	1		riel (1 Public Vell (3 Other		-	() Mud Rotary () (
EI WELL LOG:		METER OF	HOLE		7) 801	REHOLE COMPLETION	:			
	Dia (in)	From (ft) Surface	To (ft.)	1	X 00	m Hole C St	Pay region	= 0	Jecter repried	
Date drilled4-9-81	6	_350_	460_	I	(1 Gra	ort Packed CO Travel Packed gree interva	ther		10	11.
From To	Dricrypion an		mation	 		ING BLANK PIPE AN				
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131 WATER QUALITY.										
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	I hereby certi- each and all of	ly that this w the statemen	rell was drilled Is herein are tr	by me	(or un the best	der my supervision) and to of my knowledge and b	that elief,	*		
NAMECentral_Texas	Drillin	zg_Co_	_ Water Well () reiters	Regist	tration No131:	3			
ADDRESS P. O. Box 39	pe or Frinti	-	- Aust	_	-		exas	79	764	
To (Sirent or ALD)	Lil	,	(City				1010)	12.0		
(Signed) 1/Links	Well Drillers	<u>aa</u>	<u> </u>			1Com	ceny Name)			
Please attach electric log, chemical anal-	ysis, and other	perhinent info	ormation, if av	silable						

*Adestional instructions on theree side

7 DWA 0397

-11 110 ma:





CENTRAL TEXAS PRILLING CO.

 ${\tt INC}.$

FORMERLY STERZING I BUT CONTROLS

ROUTE 6. BOX 709

P. O. BON 3915

AUSTIN, TEXAS 78764

512-442-6706

To Whom It May Concern:

This letter is to certify that on 4/9/81 I cemented the well marked on the enclosed map. The method used was gravity feed and the slurry averaged 5 sacks neat cement to one barrel of water. Total slurry yield was approximately 1.5 barrels, which was sufficient to fill the annulus between the 6 5/8" casing and 7 7/8" hole.

Frank Glass,

D.L. #1313

APPENDIX D

58-42-821

WATER BACTERIOLOGY Form No. G-19 (rev. 9-81)	Texas Department of Health Bureau of Laboratories
Date and Time Rec'd	Date
Sample No.	Reported 111 _ 111
Do Not Mark Above This Line-Please	Print With BALLPOINT PEN OR TYPEWRITER:
·	- TRAVIS
Name of Water System	County
wall head T	Time Oster Time (Mo., Day, Yr.) TESTANCE NEW TOWNS
Point of Collection Collection	Time Date Time
roint of Conection Conec	(Mo., Day, Yr.)
NAME MILLERGROUND	TESMACE MAINSENENT
report STREET 5 8 Pour	
CITY NUSTIN	TEXAS 78703
	(Zip Code)
	5x = 3
Water System Identification Number	3 - 3
TYPE OF SYSTEM:	SAMPLE IS:
DPublic DDairy	(Public Systems Only) WATER SOURCE
☐Individual ☐Bottled Water ☐School	Distribution River
Ownership or Other information:	□Raw □Lake □Check □Well
Ownership of other unormation.	□Construction Well depth
	USpecial Chlorine residual
☐Preliminary Report	Lab. Ident. No.
Final Report	and Name
MPN Confirmed Test	
MPN Completed Test	
MF Coliform Count (presumptive)	/100 ml.
MF Coliform Count (verified)	
Coliform Organisa	πs □Found ☑Not Found
Unsuitable for Analysis	
Form incomplete. (See encir	roled item.)
	received within 30 hours of collection.
Excessive chlorine present in	
Broken in shipment.	. ••
Date discrepancy.	;
Quantity too great to permit	agitation.
Quantity insufficient for ana	• • • • • • • • • • • • • • • • • • • •
Bottle not provided by this I	•
Heavy non-coliform bacteria, Please resubmit.	silt present, possibly obscuring and compromising test.
_	d point of collection required.
Other	
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When the sale from the sale fro	ality should be free from Coliform Organisms.

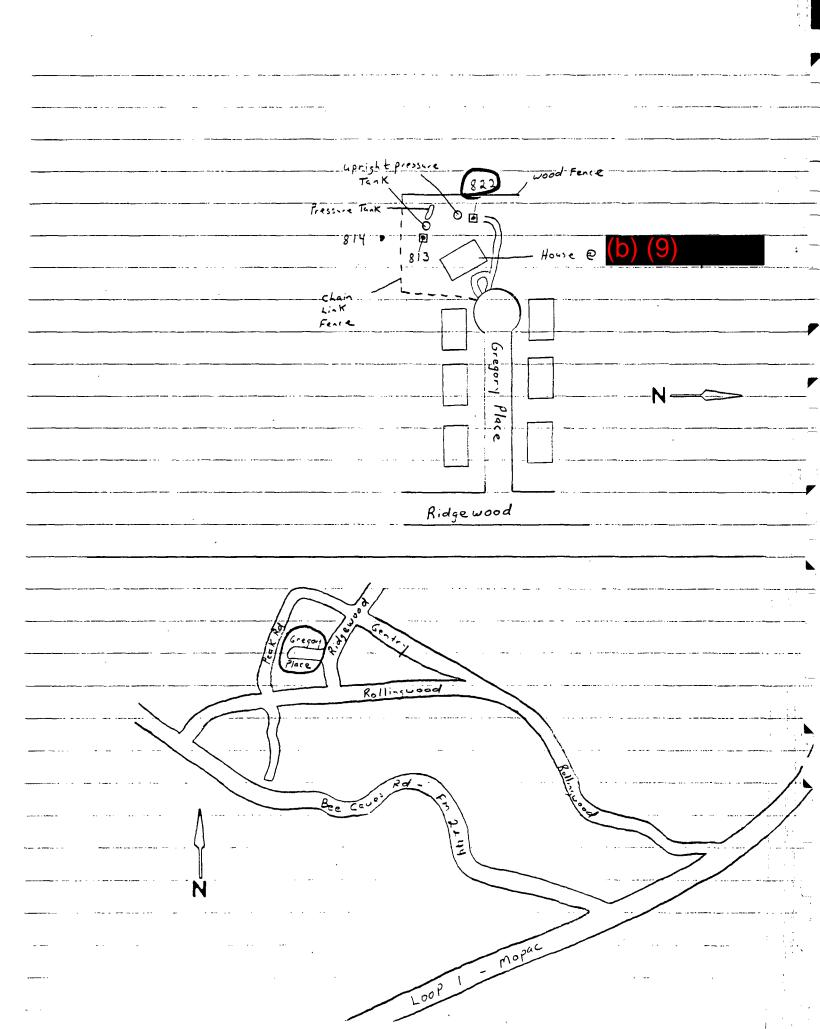
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TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well No. 58 43 822 Previous Well No. 19 26 County 1/90/3	<u>453</u>
River Basin Coloredo 200 Zone 3 Lat. (b) (9) Long. (b) (9) 44 50	Source of Coord. 52
Owner's Well No, Block, Survey	<u> </u>
Owner (b) (6) Driller	
10 33 33	52
Address (b) (6) A. fin Ty 71746 Address	
Date Drilled 00 00 1957 Depth 300 Depth Datum 25 Altitude 658 27 30	Source of Alt. Datum 32
Aquifer Educeds 218 EDRDA Type Well Type 43 User 45 53	
Well Construction Const. Method Screen Material Completion Casing Material Casing Material Casing or Blank Pipe (C) Well Screen or Slotted Zo Open Hole (O) Cemented from Diam. Setting	to
Lift Data Pump Mfr. Type No. Stages 10 C O S 1 S South Pump Mfr. Type In. Setting ft. Column Diam. In. Length Tailpipe ft. No. Stages 10 C O S S South Pump Motor Mfr. Power Horsepower South Pump Motor Mfr. Setting ft. Horsepower South Pump Motor Mfr. Setting ft. Horsepower South Pump Motor Mfr. Setting ft. Horsepower South Pump Motor Mfr. Setting ft. Horsepower South Pump Motor Mfr. Setting ft. Horsepower South Pump Mfr. Setting ft. Horsepower South Pump Mfr. Setting ft. Setting ft. Horsepower South Pump Mfr. Setting ft. Setting	23 39 55
Yield Flow GPM Pump GPM Meas., Rept., Est Date	23
Performance Test Date	55
Quality (Remarks on Taste, Odor, Color, Etc.)	23
Water Use Primary Use P. Sl. c Secondary Use Tertiary Use Tertiary Use 12 Tertiary Use 142 58	39 55 71
Other Data Available Level 16 Water Quality 18 Logs 20 Other Data 27 Ot	23
Water Levels Date	55
Recorded By	42 43
Remarks 10 44 We in 1	ell Schedule TWDB File 45
46 80	
Aquifer = Edware	.l:



APPLICATION FOR WATER WELL PERMIT

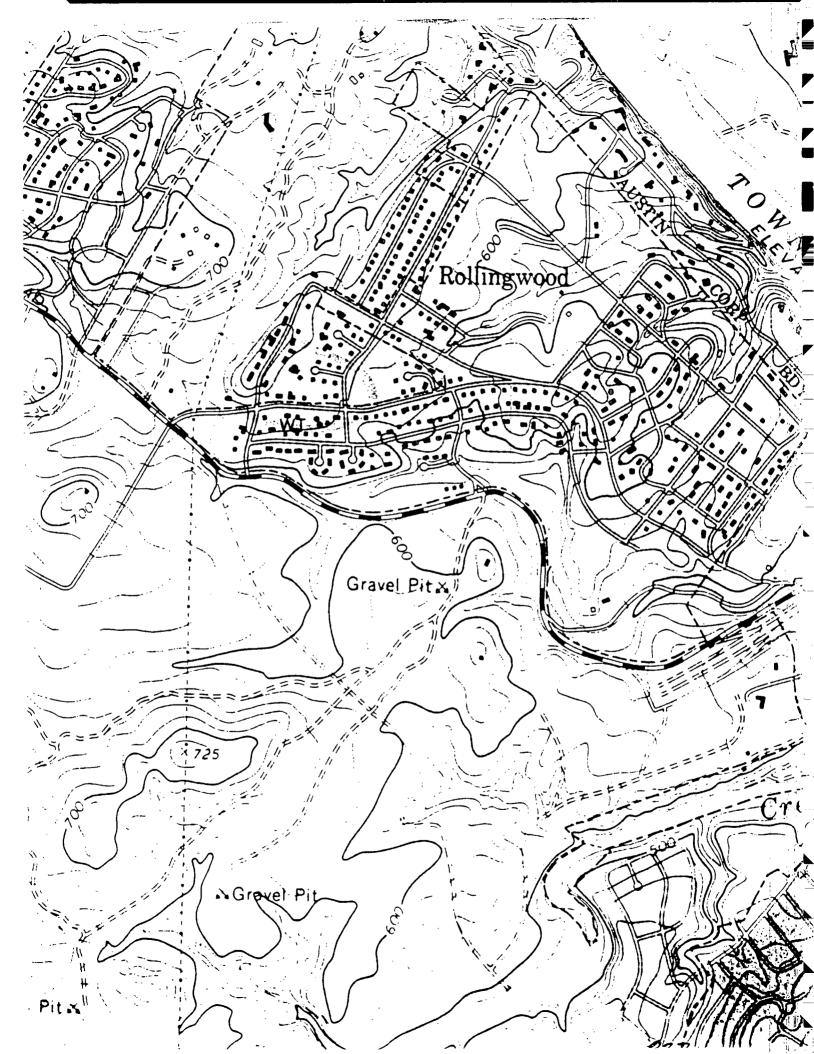
BARTON SPRINGS - EDWARDS AQUIFER CONSERVATION DISTRICT

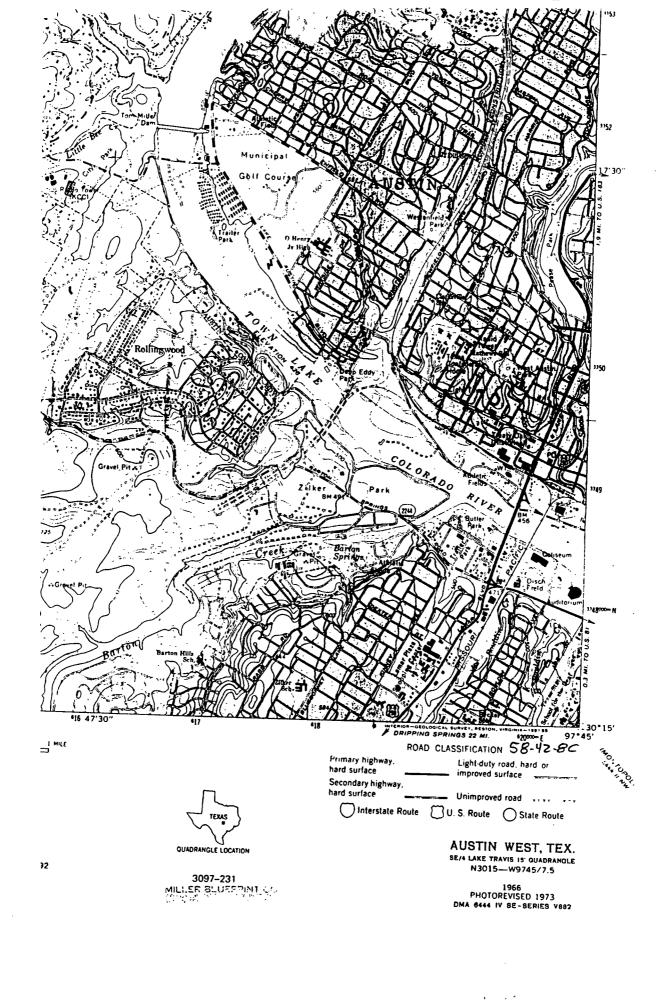
909 North Loop 4, Suite F Buda, Texas 78610 Austin Phone 512/282-8441 Buda Phone 512/____

FOR DISTRICT USE ONLY
Application No.
Date Application Filed
District Well No.
Nonexempt WellYesNo
Permit ApprovedYesNo
Date Permit Approved
Permit No.

			Permit No.	
GENERAL INFORM	IATION	. 1	,	
WELL OWNER:	(h) (6	<u> </u>	EJ WINTER Dig	-, ⁵ · C -
CORRESPONDENT:				
ADDRESS:	Street or P. O. Box			
			TX 7	8746
	City	_	State	- •
ATTENTION:	(b) (6)		· · · · · · · · · · · · · · · · · · ·	
PHONE NUMBER: WELL DESCRIPTI				
	•••	viton Toot	Othon	
	XWater Supply Mor : (1) Attach U. S. Geolog			
COMMITTION OF WELL.	(2) Provide specific (•		
DRILLERS LOG ATTA				,
	1:,_300_ Feet		rovide driller's estimate	B)
	REEN OR BOTTOM OF CASING	,		
• •	R IN WHICH WELL DEVELOPI	D: Edwards		
	OF CASING:5 Inches	_		
PUMPING CAPACITY			•	
· · · · · · · · · · · · · · · · · · ·	_ Instantaneous Flow			
	Total Number of Wells in Agg	•		
STATUS AND COMPL	LETION: <u>Existing We</u>	<u> </u>	New Wel	_
	Completion Date _		Anticipated Completion	
WATER HEE INFO	Operating Well 🗵	_tesno A	Anticipated Operation (Jate
WATER USE INFO	D KMATIUN D UCED : <u>Domestic</u> Su	nnly: 16 househ	olds	
USE OF WATER PRO	DOMESTIC Su	p <u>ply, lo nousen</u>	io i us	
MAX. PRIOR ANNUA	L PRODUCTION FROM THIS V	VELL:	2.4 Million G	allons Year1987
	L PRODUCTION FROM AGGRE	•	Million G	
REQUESTED ANNUA	L PRODUCTION FROM THIS V	VELL: . ´	2.4 Million G	allons
REQUESTED ANNUA	L PRODUCTION FROM AGGRE	GATE WELLS:,	Million G	ellons .
PORTION OF WATER	RUSED WITHIN DISTRICT BO		Ω Percent	
WATER QUALITY DA	ATA ATTACHED:XYes _			•
	ion to the BARTON SPRINGS -		statements herein are	
SIGNATIVIDE INC ALMANDOVAN	XXXXX Correspondent	DATE		
SUSBSCRIBED AND SWO	RN TO before me by the said	owner or agent on thi	s the <u>5</u> day of <u>fe</u>	bellary 1988
(/)	100.	_	-	,
Tugsia (I Wa		xpires: 1/35/89	
NOTARY PUBLIC, STATE	OF TEXAS	My commission e	xpires: <u>125/89</u>	_

EUGENIA ALBA MY COMMISSION EXPIRES: Form ADD1





TEXAS WATER DEVELOPMENT ROARD

WELL SCHEDULE

	Aquifer Kea	Field No.	State Well	No. 58 +2	816	_
		Owner's Well No.	County	Tuwin		
1.	Location: 1/k, 1/k Sec. ,	Block Survey				
		Well at (D) (9			+-	+
2.	Owner: Pidgrand Village	Address ((b) (6)				
	Tenant: (Wate ka Hills)		(morning	¥),		
	Driller: C.T. Sterning			4	h-+	r — i — -
1.	Elevation of LSD	is 640 ft. above msl, determined by	tob	 c		
ь.	Drilled: 1964;		<i>-</i>			
ζ.	Depth: Rept. 290 ft. Meas.		Cemented	CASING & BLANK From ft.	to_	n.
٠.	Completion: Open Hole, Straight Wall, Underre		Diam. (in.)	Туре	Setting	ft.
٠.		0			* 3	1907 1927
1.	Pump: Mfgr.		8	Steel		100
	No. Stages, Bowls Diamin.,	- · -	•			
	Column Diamin., Length Tail		İ			₹6° /2=
	Motor: Fuel Clear Make &		·			
	Yield: Flow gpm, Pump 170 gpm,					
10.	Performance Test: Date Length					
	Static Level ft. Pumping Level				1	
	Production gpm Specific Co		17 = 14		aho	
11.	Water Level: 17 M ft. rept. 1991	1973 above Take hange at	13-f.	which is	ft. bel	ow surface.
	ft. rept.	19 above below		which is	ft. bel	Surface.
	rept.	19 above below		which is	ft. bel	ow surface.
	ft. rept.	19 above below		which is	ft. bel	ow surface.
12		Irr., Waterflooding, Observation, Not Used,		T Mores		·
13.	Quality: (Remarks on taste, odor, color, etc.					
	Temp *F, Date sampled for analysis_	7-5-72 Laboratory SHD	·	WELL SCRE	3N	
	Temp *F, Date sampled for analysis_	Laboratory	Scree Diam.	n Openings	Setting	
	Temp °F, Date sampled for analysis_	Laboratory	(in.)		from	to
14	Other data available as circled: Driller's L	og, Radioactivity Log, Electric Log,				
	Formation Samples, Pumping Test,	,				
15	Record by:	Date 4-17 19 73				
	Source of Data	ا				
16.	Remarks:			[(
					مين. ماندند	ing the file.

C/A Sul 5, 72

E 66

My 20

Mu 7

Mu .05

Fe .02

pH 8.0

Binds 268

So, 15

CQ 13

Fe .3

No, 50. 395

Wio. 50. 395

Qla eco, 220

Hd. 248

EER FUNCHED

495



Typewrite (Black ribbon) or Print Plainly (soft pencil or black ink) Do not use ball point pen

Terras Department of Health Laboratories 1100 West 49th Street Austin, Texas 78756

TOWR ONLY	. '
Orgumzation NoLab No.	1 2 2 9 1
Work No	- 1

CHEMICAL WATER ANALYSIS REPORT

Send report to:

Data Collection and Evaluation Section Texas Department of Water Resources P.O. Box 13087 Austin, Texas 78711

Analysis copied from Texas Department of Health Files

Analyst _

County a	2/7	IR	AVIS	
State Well No.	58	1-4	၃ - စ	14
Pate Collected	_	Vell No.	5-7	2 [

Address			90					
Date Drilled								
Producing intervals								
Sampled after pumping						3. Yie	ld	
Point of collection								
Use	. Remark	s						
FOR LABORATORY US	EONLY)						
	X.E	Y PU	VCH	.		CHE	MICA	LA
aboratory No			· ·	•	Da	ate Re	eceived	
	r	M	G/L	_	М	E/L		
lica · · · 00955 ·		11						
alcium · · · 00910 ·		\Box	1	6	П	\sqcap	П]
		-++	9		-	╢	`	┨
agnesium · · · 00920 ·			2	0		∐.	·LL]
odium 00929 -				7				
	Ĺ				1	ऻॱ	 	1
	_			Tota	ـــــــــــــــــــــــــــــــــــــــ	∐.	LL	
Potassium - 00937 -								
: Man 01055	ŀ	1.1	_		1			
j Manganese - 01055 -		< (2	05	%Na			-
□ Boron 01022 .					SAR			
∃ Total Iron + 01045.	t	++	1] '			•
	[KI	2	02	RSC			-
(other)		MG/L						
Specific Conductance (mic	eomboe/	3) (ากกฉ	5				
Diluted Conductance (mici			,,,,,	·		T T		- 7
	v				=	4	95	
		ked.				<u> </u>	1.10	J

	Date C	ollected	07]0	5	7 2	
Send copy to owner Sa						. :	; ;
				<u> </u>			
Well Lo	cation_						
	1	ource (ty	pe of v	vell) .			
ft. Sample depth GPM meas, est.	ا ft. حصم				_		, <u> </u>
Appearance			طنط (red		, <u>.</u>
Appearonce					,, cu		
				==			_
ALYSIS							
7-6-72	Date	e Repor	tod	フー	8-7	۵ ِ	
	MG				AE/L	·	
Carbonate · · 00445 · ·		10		П	\prod		T
Bicarbonate · 00440 · ·				十	+1'	• -	┝᠆╵
		268		$\vdash \vdash$	 	•	\vdash
Sulfate · · · 00945 · ·		15			Ш,	• L	\mathbb{L}^{\perp}
Chloride · · 00940 · ·		/3					7
Fluoride · · 00951 ·	L	3	-			lacksquare	
Nitrate 71850 -	5_	50			\prod	•	
рн · · · · 00403 · ·	8	0	Total				
Dissolved Solids (residue at 180	o°C) ·	7030	0 •			39	4
Phenolphthalein Alkalinity as C	aCO3	. 0041	5.	$\overline{\cdot}$		1	0
Total Alkalinity as C aCO ₃		0041	0.			22	
Total Hardness as C aCO ₃		0090	0 .		6	24	8
Ammonia - N · · · · ·	Cycle	0061	0 .				
Nitrite - N · · · · · ·		0061	5 ·				
Nitrate - N		0062	0 .				

00605

_ Checked By .

Corregions year requires separate sample. Total Iron and Manganese require separate sample.

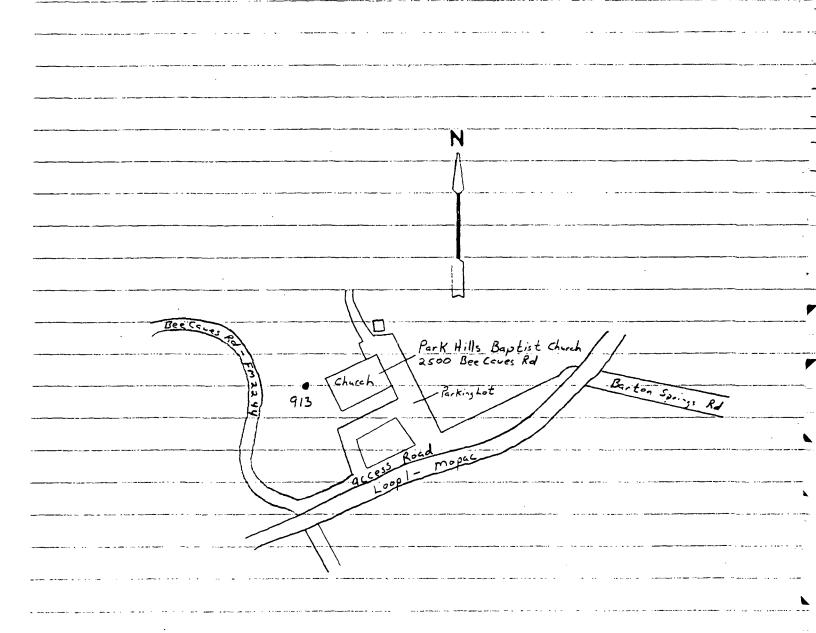
	W				
Aquifer_Ked	Field No.		1 No.58 - 4		
	Owner's Well No.	County	T.E.A.VI	₹	
					1
1. Location:1/\(\bar{\psi}_1\) 1/\(\bar{\psi}_1\) Sec	_, BlockSurvey				
	en Austin			- - -	T - T
2. Owner: EDDT: ST Chuich	Address:			-	
Tenant:	Address:			- !	! ! .
	5/2 Address: £45/			_	 -
3. Elevation of LSD	is 5 70 ft. above mal, determined	by	<u></u>	_	<u> </u>
	; Dug Cable Tool Rotary, 1/2 //		CASING & BLA	NK PIPE	
5. Depth: Rept. / 8 0 ft. Meas.	ft.	Cemented Diam.		t. to 30	n.
6. Completion: Open Hole, Straight Wall) Under	rreamed, Gravel Packed	(in.)	Туре	Settin	to
7. Pump: Mfgr.	Туре		old,		11 -
No. Stages, Bowls Diami	n., Settingft.	L	Steel		165
Column Diamin., Length T	allpipeft.]	
	& ModelHP] _ [
	m, Meas., Rept., Est			77	
10. Performance Test: Date Lengt	·				
Static Levelft. Pumping Level				77	
Production gpm Specific					
11 Weter Level (IT M or rept / 7 //)	1970 show To as Harvas		which is	Ab ab	ove surface.
11. Water Level: (/T/1 nt. rept/2/1) / meas: 107.30nt. rept. 3-16	74 below				
	below below		which is		
rept.					ove surface.
ft. rept.	petom				low surface.
12. <u>Use</u> : Dom. Stock, Public Supply, Ind.	, Irr., Waterflooding, Observation, Not Used,				
13. Quality: (Remarks on taste, odor, color, e					
-	15/11/2 Leboratory T 6 WO		WELL SCI	(COD)	·
Temp °F, Date sampled for analysis	Laboratory	Diam.	n Openings	Settin	. ft.
Temp °F, Date sampled for analysis	Laboratory	(in.)		from	to
14. Other data available as circled: Driller's	Log, Radioactivity Log, Electric Log,				'
Formation Samples, Pumping Test,		<u> </u>		}	<u> </u>
15. Record by:	N				
Source of Data DLADUR					L
16. Remarks:					
mede USGS				1	
		L	·		
	wellen Top	7			
	Wellen Top	 			
	wellen Top			 	
	wellen Top	7	-2 /1		
	wellen Top		—s / 7	: t/"	
	3 H //				
	3 H //				
TWDBE-GW-49	3 H //		-c / 1		

							i'			
Send original copy by		Stat	الما أ			·	For TWDB use only			
certified mail to the Well No										
P. O. Box 12386 Austin, Texas 78711		WATER	Received: Form Gi 8							
							Form CN 9			
1) OWNER: Person having well drilled	Baptist	L Cherch		Add:	ress R. L. 7	<u>Liu</u>	t. 21			
Landowner Dame							(City) (St			
										
2) LOCATION OF WELL:	labor									
NW & NE & SW & SE & Of Sect (Circle as many as are unown)		Biock i				Survey				
/ miles in Sid di	raction from	este.				_	a'u John			
(ME, SW, etc.)		(Town)					Bul.			
					, tu	rection.	Park			
					24	o of Thele	Bulling Park			
}						•	e e			
		up of wall location wo				20.	4			
3) TYPE OF WORK (Check):		4) PROPOSED USE (roaus,	and creaks.	4\ mmt (
New Well Deepeni	ng 🗆	Domestic Li	neck). nduscrial	☐ Mana	icipal 🗆		OF WELL (Check): y			
Reconditioning C Pluggin	g ()	Irrigation 🗅	Test Well	- Ot1	ner 🗆	Cable	₽ Jetted □ Bor			
6) WELL LOG: 61/	⊈_ia. Depth dri	180			ieted well 2	80.	6/7			
Diameter of hole							are drilled			
ļ		rements made from								
From To (ft.)	Description and c formation mate	rial	from (ft.)	fo (ft.)	^D	escription and formation ma				
0 165 Hick		a Clay	<u> </u>		-					
165 180 and	e Reche			 -	+					
				 						
				F	T					
 					+					
\ 					(Use reverse	side if neces	sary)			
7) COMPLETION (Check):			8) WA	TER LEV	iL:					
Straight wall Gravel p	acked 🗇 Other 🗆		1		reift. belo					
Under reamed Open hol	•				ressurelbs.	per square in	ich Date			
9) CASING: Type: old O-New C Ste	el b'Plastic O	Other	10) SC	REEN:						
Cemented from	_ ft. to	ft.	Pe	rforated	. 	Slotte	·· ·			
Diameter S	etting	Gage	Diamet	er	Set	ting	Siot			
(inches) From (it.)		· carRe	(inche	s)	From (ft.)	To (ft.)	size			
7 0	165	 				 				
 			 			L				
11) WELL TESTS:				MP DAIA:						
Was a pump test made?	Yes 🗆 No I	f yes by whome?	Ma	nufactu	er's Name					
			-			* * * * * * * * * * * * * * * * * * * *				
	ft. draw	./~	Ty	Pe			н.Р			
Bailer test Spm	vich <u>D</u> fc. draw	down afterhrs	De	signed	oumping rate		_gp∙n □ gr			
Artesian flow gp	m. Date		Ty	pe power	unit					
Temperature of water			De	pth to i	owls, cylinder,	jet, etc.,				
Was a chemical analysis ma		(2) No	be	low land	surface.		:			
Did any strata contain und Type of water?	estrable water?	strata /35- 160	<u> </u>				,			
		at this well was dri								
NAME KICH LES L	D.BUE		Water W	ell Dri	lers Registratio	n No <i>6</i>	- Le L			
Address PT. 7 Box	677B		Ducit	~~		2.4	7170=			
N Car (State or 3FO	126	(C-t)	12	4	ie x 2/2	11. K.	(State)			
(Signed)	Mater Mell Critier		<u> , , , , , , , , , , , , , , , , , , ,</u>		.com	pany Name:				
Piease attach electric log, c	hemical analysis, a	and other pertinent is	nformation	. if av	iciable. YD	58-41	2-713			
				,						

and the second

***TXAS WATER DEVELOPMENT BOARS WELL SCHEDULE

State Well N	ه. اچ	8 4	2	91	3		Previou	s Well N	lo. [26	c	County _		1	زر ر ۵	<u> </u>				45	30
River Basin .	Colo	rado		<u></u>		J 4 32 33	Zone	35	Lat.	37		<u> </u>	2 2	Loi	ng. 6	9		45	ر ک	50		Sour Co	ce of ord.	/ 52
Owner's Wel	II No					Location	1	1/	′4,	·	.1/4, \$	Section			, E	Block .				, Su	rvey _			
-	PAR CH			<u>L</u> L		1	T.			. H 4	31	Driller	33											52
Address <u>~</u> Tenant	(300	DPE	<u>Lau</u>	e K	4, 11	43714	, / X		76_		Addr Addr										_	·= .		
Date Drilled	10		0		17				th)	8 0	S De		um 25	}	,	Altitud	de	5	3 2		Source Alt. Da	e of stum	32
Aquifer	£	du	ds.	Kc	<u>.</u>)_	21	8 E .	DRI) A	We Typ	ell 43	U:	ser 45					53						_
Well Constru	ıction	Me	een .] Ma]	sing aterial _ mpletion					57]]	O ₁	asing o fell Scr pen Ho emente Diam. (in.)	een o le (O) ed fror	r Slott 11	ed Zoo 1 tting (o	<u> </u>	
Lift Data P	ump Mfr.					<u> </u>	_ Тур	ю	:				No. Sta	ges		. 10	4	2 7			0		65	23
	s Diam	•								_						26 . 42	H				-		+	39 55
. Motor	r Mfr				_ Po	wer			65	Ho.	rsepow	rer	100	1 .	73						1			71
Yield Flow	·	. GPM	Pump	·	_ GPN	/ Mea	s., Rept.	, Est				Date				10					+		+	23
Performance	Test D	ate				_ Le	ngth of 1	est			Prod	uction .			_ GPM	26 42					1			39 55
	Level					1	t. Dra	wdown			.ft. S	p. Cap.		(GPM/ft.	58	П				_			71
Quality (Rem	narks on T	aste, C	ldor, Co	lor, Etc	.)											. 10 26	H		\vdash		\dashv	++	+	23 39
Water Use	Primary	Use ⊆	hareh		H	Seco	ndary Us	ie			Terti	ary Use				42					1			55
Other Data Available	w	ater [¬ wa	ter [¬'°.	[7				Oth		П		┑씁	58				-	\dashv	++	-	71
Available	Le	1	6 00	ality L	18	.ogs L	20		ا ب	25	Dat	27	ليال		31	j 10 26	H			$\dagger \dagger$	十	+	+	23 39
Water Levels	Date Date	<u> </u>	J L L				Meas. Meas.			┸╌┪╸ſ				andsurf andsurf		42 58								55 71
Recorded By	<u>_1.</u>	L.	· 					Date i	Record	Collecte	ed or Úp	dated	04	20		9 8	8 8	Rep	ortin	g Agei	псу	01	-	
Remarks	۰		П	T: T	TT	TT						П	33	П			1	T	44		We!	42 43 Schew WDB F	dule	Y
46	6		ŀ																80					45
10		+		 '	$\vdash \vdash$	++			-		-	\vdash	-	-		-	+	+	44					
10												\vdash					+	+	80 44					
46	б																		80	,				
																	Aqui	ifer _	_ <i>Ξ</i>	du	-0/	•		



Park Hills Baptist Church 58-42-913

TWDBE-GW ONLY Program No.
Proj. No

CHEMICAL WATER ANALYSIS REPORT

Typewrite (Black ribbon) or Print Plainly (soft pencil or black ink) Do not use ball point pen	Texas State Department of Health Laboratorie 1100 West 49th Street Austin 5, Texas
Send report to:	county // AVIS
Ground Water Division	State Well No. 58 -42 - 9/3
Texas Water Development Loard	Well No.
P.O. Box 13087 Austin, Texas 78711	Date Collected /2/10/70
Location Barton Springs Rd	Near Zilker Park
Source (type of well) Subm = 120 Owner	Park Baptist Church
Date Drilled 6/69 Depth / \$4	O st. West
	Hater level UTM - Tape Hanes st
Sampled after pumping 5 m / w hrs. Yield	GPM meas. Temperature 72 °F °C
<u> </u>	est.
Point of collection <u>faucetat press</u> Tank	Appearance clear turbid - colored
Use Puble Remarks	
SUPPY	
FOR LABORATORY USE ONLY	KEY PUNCHED
CHEMICAL AND	ALYSIS
Laboratory No. 278298 Date Received DFC	11 1070 Date Reported DEC 22 1976
MG/L ME/L	MG/L ME/L
Silica Interference	Carbonate
Calcium	Bicarbonate <u>379</u> <u>6.22</u>
Magnesium 20 1.63	Sulfate 10 0.20
Sodium50.21	Chloride 11 _ 0.30
Total 6.82	Fluoride O·/
Potassium	Nitrate 5
Manganese \$Na	DH 7.5 Total 6.72
	pH 7.5 Total 6.72
Boron SAR	1/Dissolved Solids (sum) 337
☐ Boron SAR Total Iron RSC	227
	1/Dissolved Solids (sum) 337
Total Iron RSC	1/Dissolved Solids (sum) 337 Phenolphthalein Alkalinity as C aCO ₃ 0 Total Alkalinity as C aCO ₃ (e · 22) 3//
Total IronRSC	1/Dissolved Solids (sum) 337 Phenolphthalein Alkalinity as C aCO ₃ Total Alkalinity as C aCO ₃ (e · 22) 3//
Total IronRSC	1/Dissolved Solids (sum) 337 Phenolphthalein Alkalinity as C aCO ₃ Total Alkalinity as C aCO ₃ Total Hardness as C aCO ₃ [o.61] 331
Total IronRSC	1/Dissolved Solids (sum) 337 Phenolphthalein Alkalinity as C aCO ₃ 0 Total Alkalinity as C aCO ₃ (e · 22) 3//

¹/ The bicarbonate reported in this analysis is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.

APPLICATION FOR WATER WELL PERMIT

BARTON SPRINGS - EDWARDS AQUIFER CONSERVATION DISTRICT

909 North Loop 4, Suite F Buda, Texas 78610 Austin Phone 512/282-8441 Buda Phone 512/____

Fore ROO1

FOR DISTRICT USE ONLY
Application No.
Date Application Filed
District Well No.
Nonexempt WellYesNo
Permit ApprovedYesNo
Date Permit Approved
Permit No.

50-41-912

	·		Permit No	
GENERAL INFORMATIO	N , .			
WELL OWNER:	PAON HILL	Baptist Ch	which .	
			<u> </u>	
CORRESPONDENT:				
ADDRESS:				
Street	or P. O. Box	R /b D	1	
		Bea. Coxe Ro		
City	√ ~	Texton 7	State Zi	p Code
ATTENTION:		leyon /	5146	
PHONE NUMBER: シノス	1327-2500	,		
WELL DESCRIPTION				
TYPE OF WELL: Wat	er Supply Monitor	Test Ott	her	
) Attach U. S. Geological			ite location
	2) Provide specific direct	tions to wall site.	n top snowing wents nー ちゃーリス・デ	ine location.
(4	:) Provide specific direct	well is AT: 250	1) Rep Cause Do	1
DRILLERS LOG ATTACHED:	_Yes _KNo	40/11/13 81.230	D Bee Chos & VC	<u> </u>
	_			
TOTAL WELL DEPTH:		ot yet drilled, provide d	riller's estimate)	
DEPTH TO FIRST SCREEN O	R BUITOM OF CASING:	_ , 1 6 5 Feet		
PRINCIPLE AQUIFER IN W		KCE Eclu	unrds	
INSIDE DIAMETER OF CASI				
PUMPING CAPACITY:	GPM			
TYPE OF METER: Insta	ntaneous Flow Total	ized FlowOther_		🖳 None
AGGREGATION: Total Nu	mber of Wells in Aggregat	te Permit Num	ber of Lead Well	
STATUS AND COMPLETION:			New Well	
	Completion Date	11470 Anticina	ted Completion Date	
	Operating Well XYes	7	ted Operation Date _	
WATER USE INCORMA	• • ,	—140 Millipo	cod oper action bace _	
WATER USE INFORMAT				
USE OF WATER PRODUCED	Church		<u> </u>	
·		DOU BAI	LONS	
MAX. PRIOR ANNUAL PROC	UCTION FROM THIS WELL	: 4 ^{20.}	Million Gallons	s Year
MAX, PRIOR ANNUAL PROD	UCTION FROM AGGREGATE	WELLS:	Million Gallons	s Year
REQUESTED ANNUAL PROD			Million Gallons	S
REQUESTED ANNUAL PROD			Million Gallon	=
PORTION OF WATER USED				,
	•		AIL	
WATER QUALITY DATA ATT	ACUED: TIES ZINO			
I hereby make application to the				
for the water well described be	rein, and I certily that ea	cu sud sil of the statem	eura necetu ace cene	and correct.
(/2/20 ())	8-Bus alon.	1/28/18		
TAN A STATE	s Esta-usu.	<u> </u>		
SIGNATURE OF OWNER OR AGENT	•	JA It		~
SUSBSCRIBED AND SWORN TO E			NAP ON	1-8- 1-8-F
SUSHSCRIBED AND SWORN TO B	enote me ph the said oans	L OL SECUT OU THIS THE	ORY OF THE	1950
			(/)
				
NOTARY PUBLIC, STATE OF TEXT		Myacominission expires: .		
₫ / /	∧ \ \ Notary Public	D		

APPENDIX D

Aerial Photographs



Source: SWL File No.: Austin Scale: 1:20.800

Scale: 1:20,800
Date: January 15, 1951

805 West 5th Street

SWL Reference No. 505093-850

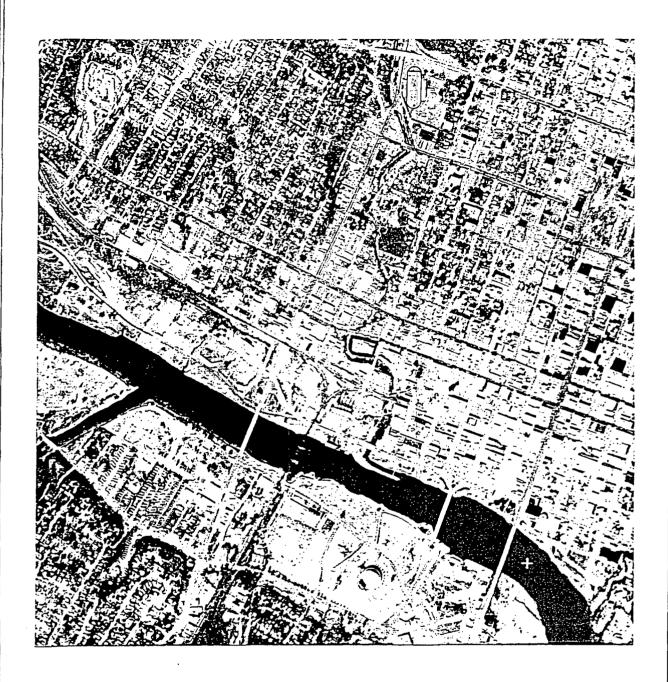


Source: SWL File No.: Austin Scale: 1:21,100

Date: October 29, 1964

805 West 5th Street

SWL Reference No. 505093-850



Source: SWL File No.: Austin Scale: 1:15,840

Date: January 18, 1973

805 West 5th Street

SWL Reference No. 505093-850



Source: SWL File No.: Austin Scale: 1:12,000

Date: December 7, 1984

805 West 5th Street

SWL Reference No. 505093-850



Source: SWL File No.: Austin

Scale: 1:24,000
Date: October 11, 1990
SWL Reference No. 505093-850

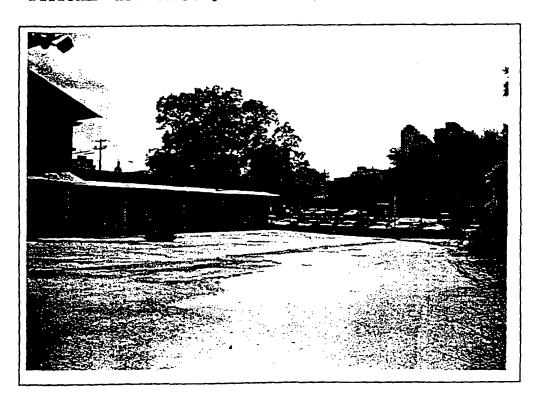
805 West 5th Street

APPENDIX E

Site Photographs



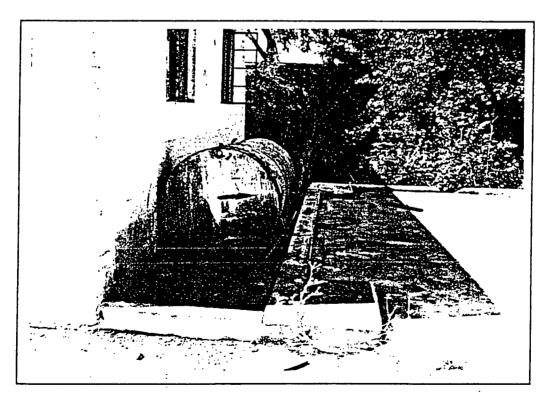
TYPICAL VIEW OF SUBJECT SITE FROM WEST 5TH STREET.



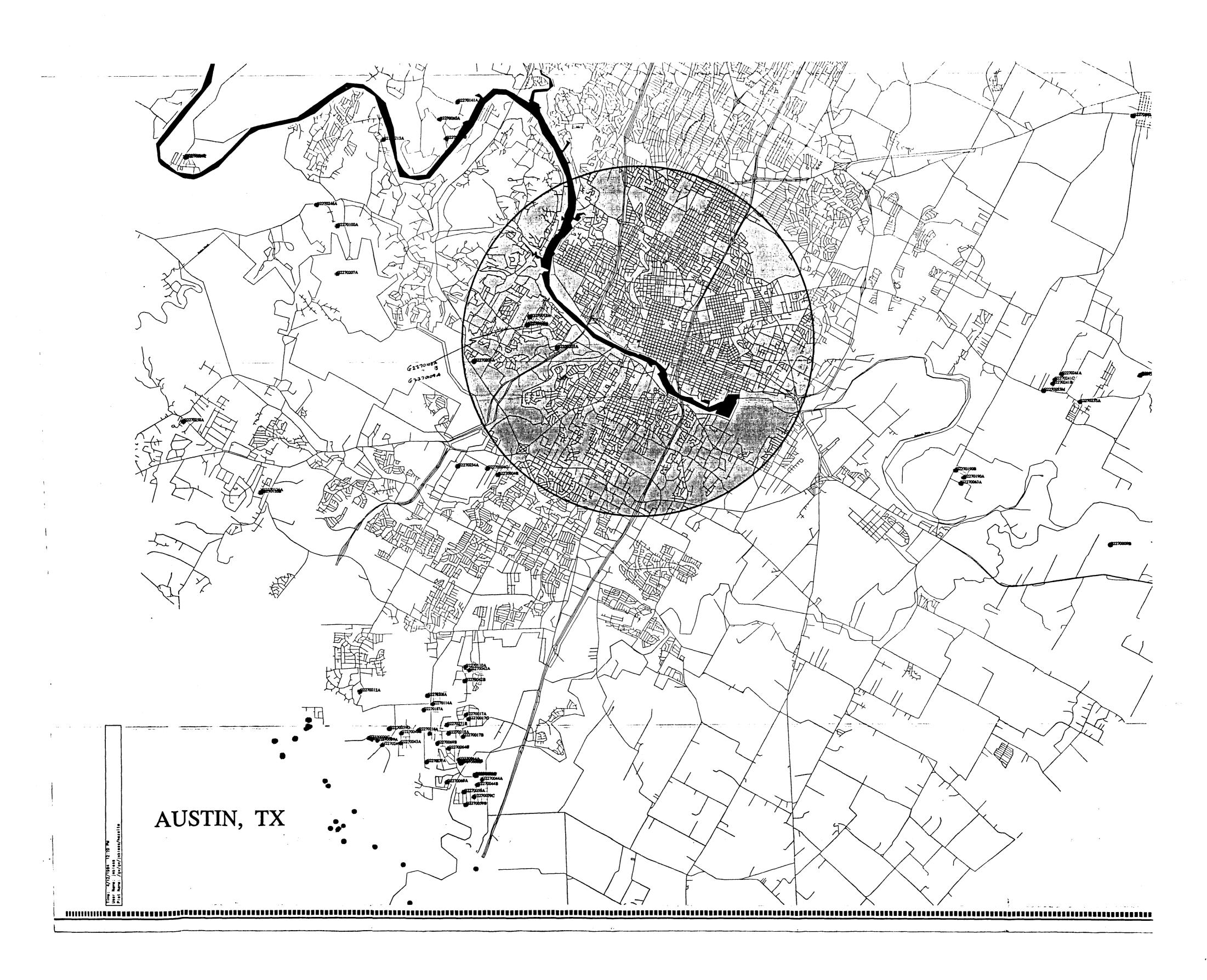
TYPICAL VIEW OF INTERIOR OF SUBJECT SITE.



FORTY GALLON DRUM IN SECOND BUILDING.



AST AT WEST END OF SECOND BUILDING.



CAPITAL GAS LIGHT COMPANY

DOCUMENT 6B

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	eidrich Lane, Suite 19		

	CHAIN-O Project Name		STODY \$	Sampler:	SK	phan v	Thosh	<i>'</i>	42 \[\Lambda	21 Freidrich Lane,	Suite 190, Austin	TX 78744 SSOC
•	Address Repo	orts to: _			(Coi	mpany	Name)				(/	Attn)
	Bill to (if diff	crent):			(Coi	mpany					(Attn)
	AnalySys Sample #		ample srciption	Number o Container		Date ampled	Time Sampled	BZ	ikili Tril	Analys Please attach expl	es Requeste	
28016	21	P.Co.	1: B							***************************************		
28017									i i			
28018	23+24 carr)							j i 1			
28019	25	····						<u> </u>	 	***************************************	<u> </u>	······································
			······································		_			-	<u>i i</u>	·**···································		
		···-				··-·		-	 -	•		
			· · · · · ·					-			•	<u>.</u>
		·····			-			-		***************************************		
		· · · · · · · · · · · · · · · · · · ·						-	 	***************************************	<u></u>	
		hain-of cust	and 8020/P&T for water ody and/or attached doca QL).									
	• •		ictions (see back	c) YES	1	40 (to be co	mple	eted	by AnalySys,	Inc. person	nel only)
	Samp	le Relin	quished By			Sar	nplc Re	ciev	ed 1	By	Date	Time
	Namo		Affiliatio	11		Name			ΛM	liation		
	Stephen	Yron,	1		Aa	عزاره	uk _	1)	5_7		11-7-92	1230

Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

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<u>L</u> .	Naly) YS,	Inc.
	eidrich Lane, Suite 190, Austin	

	1///		• /	اد. مسيد	/ 1	221 Freidrich Lane,	Suite 190, Austir	i, TX 78744
roject Name/	POH: Maskey	Sampler:	tiphen	I King	3/1/	Affiliation		
ddress Repo	rts to: <u>T.M.c.MvH</u>	((Company	Name)	J M	North & Ass.	<u> </u>	\ttn)
ill to (if diffe	erent):	((lompany	Name) _		wn	(Attn)
AnalySys Sample #	Sample Desrciption	Number of Containers	Date Sampled	Time Sampled	P.J.E. JU	Analys Please attach exp	ses Requeste	'''
t/ Buc	28124	/	41/2	2.48		Teir Evetak.	S	-7.
						Solvent Sca	ስ	
					1 1	to oil		
						TOX	4.1	
			_			closed cuy	a flass go	1
					 	· 		
						<u> </u>		
	IS for soils and 8020/P&T for water ain-of-custody and/or attached doc aits (MDLA'QL).							
Special billin	g instructions (see bac	k) YES	NO (to be cor	npleted	by AnalySys,	Inc. person	nel only)
Sampl	e Relinquished By		Sau	nple Rec			Date	Time
Name	Affiliation		Name	/_		<u> </u>		
The SA	Inf J. M. Witt 8	13600	(Rdy)	15.	17.	<i>S</i> <u> </u>	4-11-72	5 (10)21

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

	C-CUSTODY	Sampler: _\$\langle	endan J. Krosh	4221 Freidisch Lane, Suite 190, Austin, TX 7874 Affiliation J. Mc Nott & Assoc
Address Report	s to: Dr. J. M.	cNutt (C	ompany Name)	J. Mc Notta Assoc (Alln)
Bill to (if differ	ent):	(Ce	ompany Name)	(Λttn)
AnalySys	Sample	Number of	Date Time	Analyses Requested (3)

	AnalySys Sample #	Sample Desrciption	Number of Containers	Date Sampled	Time Sampled	BIENCE BERN	Analyses Requested (3) Please attach explanatory information as required
27776	/			4-7.92			24 St R484
27777	2						
27928	3		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			 i	
27777	4					1	
28000	5			<u> </u>			
28001	6						
2800.3	7				<u></u>	i	<u> </u>
28003 28003	8						
28004							
28005	10						

(1) Method 8020/AHS for soils and 8020/P&T for waters unless otherwise specified — (2) Method 418.1 unless otherwise specified — (3) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASTs method of choice and all data will be reported to ASTs normal reporting limits (MDL/PQL).

Special billing instructions (see back) YES NO (to be completed by AnalySys, Inc. personnel only)

· Sample Reli	iquished By	Sample I	Sample Recieved By			
Name	Affiliation	Name	Affiliation			
Stepler THOGh	IMA	Jan it trick	1757	4-7-92	17:30	
Mense Drogs						

Trendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

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L .	naly > ys, i nd	-
4221 Fre	ridrich Lane, Suite 190, Austin, TX 78	K744

	Project Name/PO#:		Sampler: _ <i>\$</i>	tephen	J Krogh	Affiliation J. Mc Nother Acex				
	Address Rep	orts to:	(Company Name)					(Attn)		
	Bill to (if dif	ferent):	(C	ompany	Name)			(Attn)		
	AnalySys Sample #	Sample Description	Number of Containers	Date Sampled	Time Sampled	WE'S	Analys Please attach exp	es Requeste		
28006	11					1	1 21/1	RUSH		
18007	17						1			
,2800X	13									
28007	14					1	1			
28010	15			 		l				
28011	16									
28012	17						i 	·······		
28013										
28014	19						l 			
28015	1~0	- white rounds								
	(1) Method 8020//	AHS for soils and 8020/P&T for water Thain of-custody and/or attached doci								
	Special bill	ing instructions (see bac	k) YES	NO (to be con	plete	I by AnalySys,	Inc. persor	nnel only)	
	Samı	ole Relinquished By	·	Sar	nple Rec	ieved	By	Date	Time	
	 						erii. At	1		

Sample Relinquished By		Sample I	Sample Recieved By		
Name	Affiliation	Name	Affiliation		
stepler J gros	TMA	Soan Kozel	1757	4-7-92	17:30
dial Tho	d	J v			

[Tendering 6f above described samples to AnalySys, Inc. for analytical testing constitutes agreement by huyer/sampler to AnalySys, Inc.'s standard terms.]

99:91

Report of Analysis-Extractable Organics

Report #:

Parameter

28124

Sample Name: #1Frac

<u>Date</u> Units MDL/POL/1) Blank Result -

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by

C11	A T	N-C	117	CI	וכיו	ra	NV
UH	ΑТ	IN-U	JY -	UU		IV.	IJΥ



	JI 00010151					4221 Freidrich Lan	e, Suite 190, Austi	n, TX 78744
Project Nam	1c/POII: 1d ple toute S	Sampler: <u>J</u>	MIKELO	JG MOI	ZETCO	₩ffiliation	······································	
Address Rep	oorts to:		(Company	Name)	JIM	McNurr		Attn)
Bill to (if dit	fferent):		(Company	Name)	Mch	JUTT & ASSO	<u>c.</u> (∆ttn)
AnalySys Sample #	Sample Desrciption	Number o Containe		Time Sample	1 1952	Please attach e	ses Requesto	
27287	Fluid from Contains	· (- /	4-1-2.2	10.00		24-hr J	unaroun	ر ا
	Avea					TOX		
		 			_ <u> </u>	ISDWA-1	detals	

					_			
					_	<u> </u>	<u> </u>	
 						<u> </u>	· 	
						1	. 47-27-224244	
						İ		
otherwise on this	AHS for soils and 8020/P&T for waters Chain-of-custody and/or attached docur firmits (MDL/PQL).							
Special bill	ling instructions (see back	a) YES	NO (to be co	mplete	d by AnalySy	s, Inc. person	nel only)
Sam	ple Relinquished By		Sar	nple Re	cieved	Ву	Date	Time
Nam	Affiliation	1	Name		۸	ffiliation		
pholoc	12 On MOBIET (O	<u></u>	Leany	Cick _	175		11-7-72	732
1	O)		No. 15	1			1	l

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

Report of Analysis-Volatile Organics

Report #: 28124

Sample Name: #1Frac

	Damila	T Turian	MDL/POL(1)	Blank	Date Analyzed	Test Method
Parameter	Result	<u>Units</u>	MUDEVIALI	عسيدري	4/13/92	624 & 8260
Volatile organics-8260	see enclosed	61	E	<5	4/13/92 4/13/92	624 & 8260
1,1,1,2-tetrachloroethane	<5	μg/Kg	5		4/13/92 4/13/92	624 & 8260
1,1,1-trichloroethane	< 5	μg/Kg	5	<5 -6	4/13/92 4/13/92	624 & 8260
1,1,2,2-tetrachloroethane	< 5	μg/Kg	5	<5 	4/13/92	624 & 8260
1.1,2-trichloroethane	<5	μg/Kg	5 5	<5 -5		624 & 8260
1,1-dichloroethane	<5	μg/Kg	3	<5	4/13/92	624 & 8260
1,1-dichloroethene	<5	μg/Kg	5	<5	4/13/92	624 & 8260
1,2-dibromo-3-chloropropane	<5	µg∕Кg	5	ح 5	4/13/92	624 & 8260
1,2-dibromoethane	< 5	μg/Kg	5	<5	4/13/92	624 & 8260
1,2-dichlorobenzene	<5	ug/Kg	5	<5	4/13/92	
1,2-dichloroethane	<5	here	5	< 5	4/13/92	624 & 8260
1.2-dichloropropane	<5	пв/Кв	5	< 5	4/13/92	624 & 8260
1.3-dichlorobenzene	<5	μg/Kg	5	< 5	4/13/92	624 & 8260
1,4-dichloro-2-butene	<5	μg/Kg	5	< 5	4/13/92	624 & 8260
1,4-dichloroberzene	<5	μ g/K.g	5	<5	4/13/92	624 & 8260
1,4-dioxsne	<100	µg/Kg	100	<100	4/13/92	624 & 8260
2-butanone (MEK)	<100	μg/Kg	100	<100	4/13/92	624 & 8260
2-chloroethyl vinyl ether	<5	μ g/K g	5	<5	4/13/92	624 & 8260
2-bexanone	<100	µg/Kg	100	<100	4/13/92	624 & 8260
4-methyl-2-pentanone (MIBK)	<5	μg/Kg	5	<5	4/13/92	624 & 8260
Acetone	300	µg/Kg	100	<100	4/13/92	624 & 8260
Acrolein	<100	µg/Кg	100	<100	4/13/92	624 & 8260
Acrylonitrile	<100	µg/Кg	100	<100	4/13/92	624 & 8260
Benzene	<5	µg/Kg	5	<5	4/13/92	624 & 8260
Bromodichloromethane	<5	με/Κε	5	<5	4/13/92	624 & 8260
Bromoform	<5	μ g /Кς	5	<5	4/13/92	624 & 8260
Bromomethane	<10	µg/Кg	10	<10	4/13/92	624 & 8260
c-1,3-dichloropropene	< 5	µg/Kg	5	<5	4/13/92	624 & 8260
Carbon disulfide	<5	μg/Kg	5	<5	4/13/92	624 & 8260
Carbon tetrachloride	<5	μg/Kg	5	<5	4/13/92	624 & 8260
Chlorobenzene	<5	µg/Kg	5	<5	4/13/92	624 & 8260
Chloroethane	<10	µg/Kg	10	<10	4/13/92	624 & 8260
Chloroform	<5	μg/Кg	5	<5	4/13/92	624 & 8260
Chloromethane	<10	µg/Kg	10	<10	4/13/92	624 & 8260
Dibromochloromethane	<5	μ g/ Kg	5	<5	4/13/92	624 & 8260
Dibromomethane	<5	μg/Kg	5	<5	4/13/92	624 & 826 0
Ethylbenzene	500	μg/Kg	5	<5	4/13/92	624 & 8260
Iodomethane	<5	- μg/Kg	5	ح ح	4/13/92	624 & 8260
m.p-Xylenes	570	μg/Kg	5	<5	4/13/92	624 & 8 260
Methylene chloride	6	μg/Kg	5	<5	4/13/92	624 & 8260
o-Xylene	500	μ g/ Kg	5	<5	4/13/92	624 & 8260

waller westernables for the test of the

Styrene	<5	µg/Кg	5	<5	4/13/92	624 & 8260
t-1,2-dichloroethene	<5	μ g/ Kg	5	<5	4/13/92	624 & 8260
t-1_3-dichloropropene	<5	µg/Kg	5	<5	4/13/92	624 & 8260
Tetrachloroethene	<5	μg/Kg	5	<5	4/13/92	624 & 8260
Toluene	<5	µg/Кg	5	<5	4/13/92	624 & 8260
Trichloroethene	<5	µg/Кg	5	<Ś	4/13/92	624 & 8260
Trichlorofluoromethane	<5	ив/Кв	5	ک>	4/13/92	624 & 8260
Vinyi acetate	<5	μg/Kg	5	<5	4/13/92	624 & 8260
Vinyl chloride	<10	ug/Kg	10	<10	4/13/92	624 & 8260

^{1.} Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by

Client: J. McNutt & Associates

640 Meadows Building

Dallas

75206 TX

Attn: Dr. James McNutt

214-691-6606

Project Description: Mobley

Sample Name: #1Frac

Date/Time Taken: 4/11/92

2:48:00

Matrix:

Report #:

Report Date:

waste

Date/Time Received:

4/11/92

5:40:00

28124

4/16/92

Report of Analysis

see attached

Respectfully submitted,

Mark Krause

All method numbers denote USEPA procedures unless otherwise stated. "Less than" values reflect the nominal detection limit of the method employed. © Copyright 1992 AnalySys, Inc., Austin, Texas. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express permission of AnalySys, Inc.

Report of Analysis

Report #:

28124

Sample Name: #1Frac

					Date	
<u>Parameter</u>	Result	<u>Units</u>	MDIVPOL(1)	Blank	Analyzed	Test Method
Ignitability	>150	ኍ	-NA-	-NA-	4/13/92	1010
Oil and grease	28 0	mg/Kg	20	<0.2	4/13/92	413.2
T.O.X.	<10	mg/Kg	10	<10	4/14/92	9020
Arsenic/GFAA	20	µg/Kg	20	<1	4/14/92	206.2&7060
Barinm/ICP	6.3	mg/Kg	0.20	<0.01	4/13/92	200.7&6010
Cadmium/ICP	<0.1	mg/Kg	0.100	<0.005	4/13/92	200.7&6010
Chromium/ICP	<1	mg/Kg	1.00	<0.05	4/13/92	200.7&6010
Lead/ICP	3.4	mg/Kg	1.00	<0.05	4/13/92	200.7&6010
Mercury/CVAA	<5	µg/Кg	5	40.2	4/13/92	245.1&7470
Selenium/GFAA	<40	ue/Kg	40	<2	4/14/92	270.2&7740
Silver/GFAA	<4	µg/Кg	4	<0.2	4/13/92	272.2&7761
					•	

^{1.} Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Report of Analysis-Volatile Organics

Report #: 28123

80.9

Sample Name: #3 resample

-					Doto	
Parameter	Result	Units	MDL/POL(1)	Blank	<u>Date</u> Analyzed	Test Method
Volatile organics-8260	see enclosed	- Ermix			4/13/92	624 & 8260
1,1,1,2-tetrachloroethane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1,1,1-trichloroethane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1.1.2.2-tetrachloroethane	<12500	μς/Kg	12500	<12500	4/13/92	624 & 8260
1.1.2-trichloroethane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1.1-dichloroethane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1.1-dichlorocthene	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1,2-dibromo-3-chloropropane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1.2-dibromoethane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1,2-dichlorobenzene	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1,2-dichloroethane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1,2-dichloropropane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1.3-dichlorobenzene	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1,4-dichloro-2-butche	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8 260
1,4-dichlorobenzene	<12500	ис/Ке	12500	<12500	4/13/92	624 & 8260
1,4-dioxane	<250000	μg/Kg	3E+05	<250000	4/13/92	624 & 826 0
2-butanone (MEK)	<250000	μg/Kg	3E+05	<250000	4/13/92	624 & 8260
2-chlorocthyl vinyl ether	<12500	μg/Kg	12500	<12500	4/13/92	624 & 826 0
2-bexanone	<250000	μg/Kg	3E+05	<250000	4/13/92	624 & 8260
4-methyl-2-pentanone (MIBK)	<12500	µg/Kg	12500	<12500	4/13/92	624 & 8260
Acetone	<250000	μg/Kg	3E+05	<250000	4/13/92	624 & 8260
Acrolein	<250000	µg/Kg	3E+05	<250000	4/13/92	624 & 8260
Acrylonitrile	<250000	μ⊈/Кg	3E+05	<250000	4/13/92	624 & 8260
Berzene	<12500	µg/Kg	12500	<12500	4/13/92	624 & 8260
Bromodichloromethane	<12500	µg/Kg	12500	<12500	4/13/92	624 & 8260
Bromoform ·	<12500	μg/Kg	12500	<12500	4/13/92	624 & 82 6 0
Bromomethane	<25000	μg/K.g	25000	<25000	4/13/92	624 & 8260
c-1,3-dichloropropene	<12500	με/Κε	12500	<12500	4/13/92	624 & 8260
Carbon disulfide	<12500	με∕Кε	12500	<12500	4/13/92	624 & 8260
Carbon tetrachloride	<12500	µg/Kg	12500	<12500	4/13/92	624 & 8260
Chlorobenzene	<12500	µg/Kg	12500	<12500	4/13/92	624 & 8260
Chloroethane	<25000	μg/Kg	25000	425000	4/13/92	624 & 8260
Chloroforni	<12500	µg/Kg	12500	<12500	4/13/92	624 & 8260
Chloromethane	<25000	µg/Кg	25000	45000	4/13/92	624 & 8260
Dibromochloromethane	<12500	µg/Kg	12500	<12500	4/13/92	624 & 8260
Dibromomethane	<12500	hg/Kg	12500	<12500	4/13/92	624 & 8260
Ethylbenzene	39000	μg/Kg	12500	<12500	4/13/92	624 & 8260
Iodomethane	<12500	με/Κε	12500	<12500	4/13/92	624 & 82 6 0
m_p-Xylenes	140000	μg/Kg	12500	<12500	4/13/92	624 & 8260
Methylene chloride	15000	μg/Kg	12500	<12500	4/13/92	624 & 8260
o-Xyienc	70000	μg/Kg	12500	<12500	4/13/92	624 & 82 6 0

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Styrene	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
1-1,2-dichloroethene	<12500	µg/Kg	12500	<12500	4/13/92	624 & 8260
t-1,3-dichloropropene	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
Terrachlorocthene	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
Toluene	49000	μg/Kg	12500	<12500	4/13/92	624 & 8260
Trichloroethene	<12500	μ g /Кg	12500	<12500	4/13/92	624 & 8260
Trichlorofluoromethane	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
Vinyl acetate	<12500	μg/Kg	12500	<12500	4/13/92	624 & 8260
Vinyl chloride	<25000	µg/Кg	25000	<25000	4/13/92	624 & 8260

^{1.} Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by

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Comerica, Inc.
Austin Toyota, Inc. Facility
Remediation Sampling and Analysis Results
May 10, 1992

RADAMETER LINIT 1

PARAMETER	UNIT	1	2	3	4	5	6	7	8	9	10
TOX	mg/kg	88	21	6700	<10	<10	<10	<10	20	63	<10
Arsenic	ucg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Barlum	mg/kg	8.1	7.4	4.9	8.5	7.1	11	5.3	7.2	5.7	8.3
Cadmium	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chromium	mg/kg	<1	<1	<1.	<1	<1	<1	<1	<1	<1	· <1
Lead	mg/kg	3.5	<1	<10	32	<1	58	2.1	7.2	8.4	1.9
Mercury	ucg/kg	<5	<5	<5	<5	<5	<5	<5	<5	79	<5
Selenium	ucg/kg	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
Silver	ucg/kg	13	7.3	<4	13	<4	<4	<4	<4	<4	<4
PARAMETER	UNIT	11	12	13	14	15	16	17	18	19	20
TOX	mg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Arsenic	ucg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Barium	mg/kg	7.4	6.1	5.6	8,	10	5.1	5.5	6.4	5.8	1100
Cadmium	mg/kg	0.24	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.12
Chromium	mg/kg	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead	mg/kg	5.2	<1	<1	<1	12	<1	<1	<1	<1	7.1
Mercury	ucg/kg	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Selenium	ucg/kg	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
Silver	ucg/kg	<4	<4	<4	<4	<4	<4	. <4	<4	<4	<4

PARAMETER	UNIT	21	22	23/24	25
TOX	mg/kg	<10	<10	<10	<10
Arsenic	ucg/kg	<20	<20	<20	<20
Barlum	mg/kg	5.0	13.0	5.8	6.7
Cadmium	mg/kg	<0.1	<0.1	<0.1	0.53
Chromium	mg/kg	<1	<1	<1	<1
Lead	mg/kg	<1	<1	26	24
Mercury	ucg/kg	<5	<5	<5	· <5
Selenium	ucg/kg	<40	<40	<40	<40
Silver	ucg/kg	<4	<4	<4	<4

Comerica, Inc.
Austin Toyota, Inc. Facility
Remediation Sampling and Analysis Results
May 10, 1992

DETAILED ADDITIONAL ANALYSES

			#3	JMA
PARAMETER	UNITS	AST	(RPT)	SAMPLE
Ignitability	oF	>150	>150	>150
Oil & Grease	mg/kg	N/A	N/A	280
TOX	mg/kg	N/A	N/A	<10
Arsenic	ucg/kg	<20	69	<20
Barium	mg/kg	5.2	4.6	6.3
Cadmium	mg/kg	<0.1	<0.1	<0.1
Chromium	mg/kg	<1	1.4	<1
Lead	mg/kg	4.9	<1	3.4
Mercury	ucg/kg	<5	<5	<5
Selenium	ucg/kg	<40	77	<40
Silver	ucg/kg	<4	<4	<4
1,1,1-trichioroethane	ucg/kg	4000	<5	<5
Acetone	ucg/kg	16000	<5	300
Benzene	ucg/kg	2700	<5	<5
Ethylbenzene	ucg/kg	34000	39000	500
m,p-Xylenes	ucg/kg	130000	140000	570
Methylene Chloride	ucg/kg	<5	15000	6
o-Xylene	ucg/kg	62000	70000	500
Tetrachloroethene	ucg/kg	33000	<5	<5
Toluene	ucg/kg	97000	49000	<5

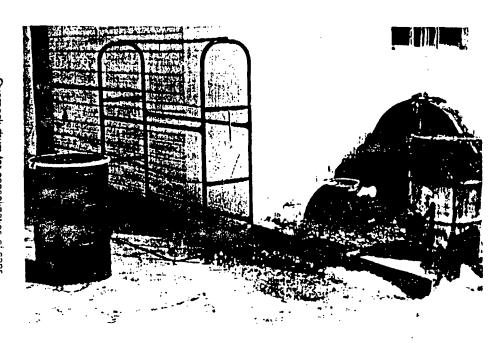
)and

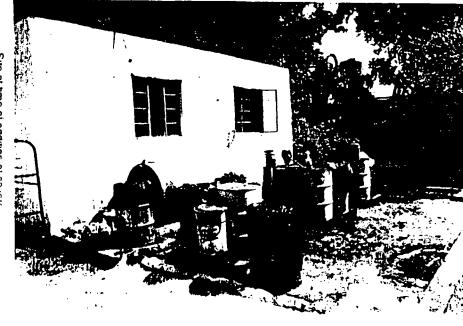
APPENDIX A CERTIFIED LABORATORY RESULTS

Comerica, Inc.
Austin Toyota, Inc. Facility
Remediation Sampling and Analysis Results
May 10, 1992

			MOBLEY	JMA
	1	REGULATORY	SAMPLE	SAMPLE
PARAMETER	UNIT	LIMITS	FLUID	FLUID
TOX	mg/kg	200	<10	<10
Arşenic	ucg/kg	5000	<20	<20
Barium	mg/kg	100	6.4	6.3
Cadmium	mg/kg	1.0	<0.1	<0.1
Chromium	mg/kg	5.0	<1	<1
Lead	mg/kg	5.0	5.7	3.4
Mercury	ucg/kg	200	<5	<5
Selenium	ucg/kg	1000	<40	<40
Silver	ucg/kg	5000	<4	<4

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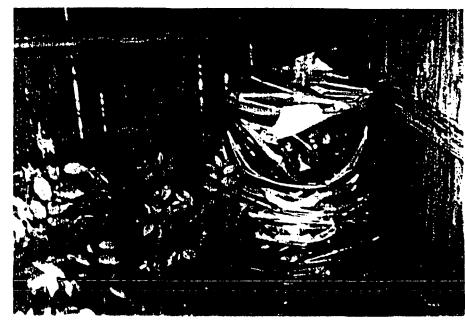


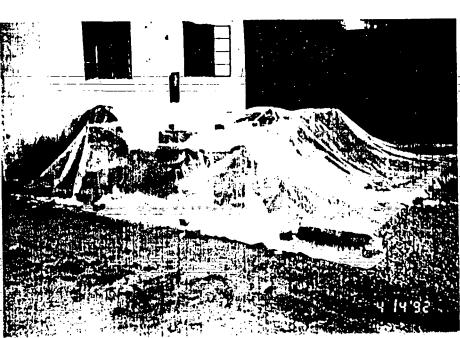




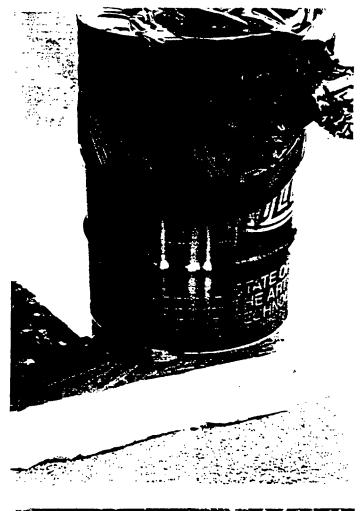






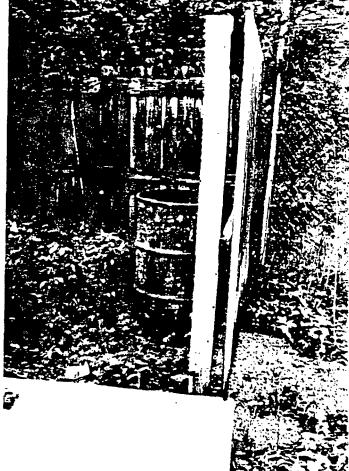






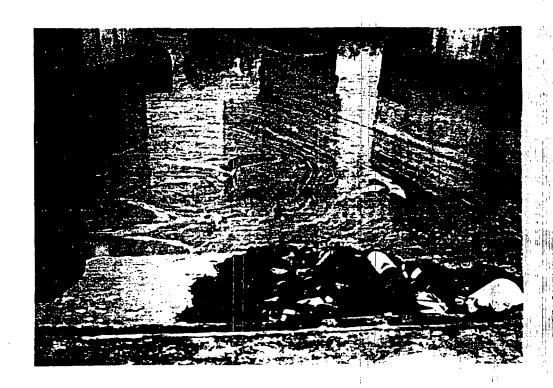








Views of containment area, March 28, 1992

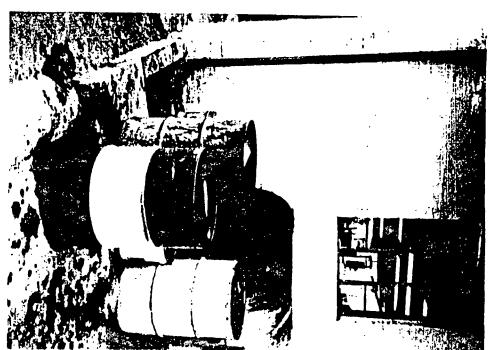


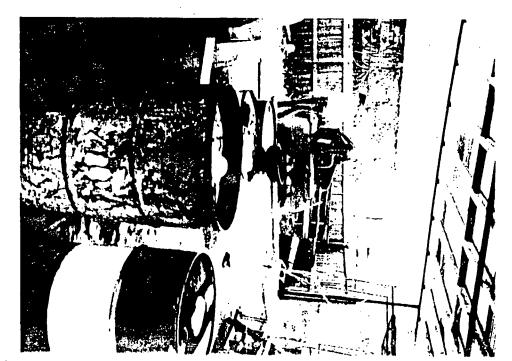


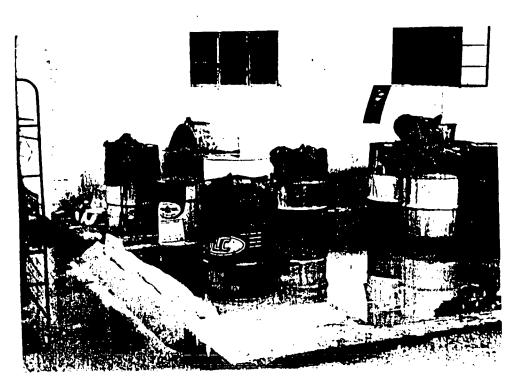


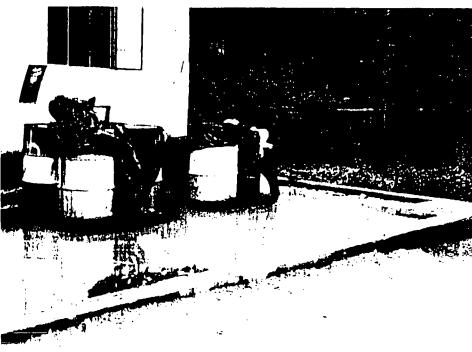
Views of containment area, March, 1991

Note cover over entire area



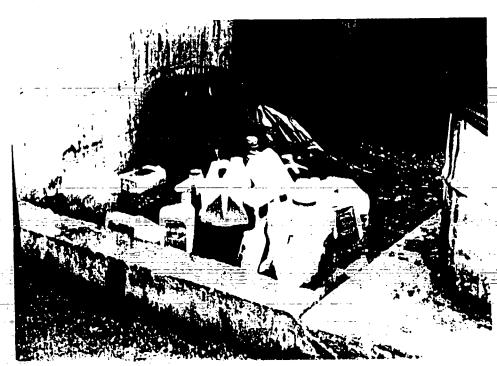






Views of containment area, March 28, 1992





PROPOSED REMEDIATION ACTIVITIES

The laboratory data presented above clearly indicates that the *potential* release of March 27, 1992 did **NOT** involve a toxic substance as defined by regulation. To prevent any potential problems with this site in the future, the following remediation program is proposed for the site:

- the results will be remanded to Mobley, who will return to the site, pump the containment area, AST and all drums, and treat all collected materials to recycle the collected oils;
- all empty drums will then be removed from the site and crushed for final disposal;
- · a locking cap will be installed on the AST;
- when all items have been removed from the containment area, the area will be rinsed with a *Biosolve* solution to remove any residual organic material from the site;
- the site will be secured, with no further activity anticipated.

These remediation activities can be initiated within one week of receiving a notice to proceed from the Texas Water Commission or the City of Austin. Completion of the site activities will require only one to two days, with a closure letter (summary of site closure activities) tendered within two weeks of completion of site activities.

CONCLUSIONS

Since the original date of discovery, March 27, 1992, Comerica has maintained the site in a discharge-free state, with all materials contained and covered under a temporary covering, with additional coverings placed over each drum to prevent rainwater from floating additional materials from the containment area. In addition, JMA has provided regular inspections of the site to ensure that full containment of all materials has been maintained, and arranged for the removal of additional collected rainwaters as necessary.

With the completion of the remediation and closure activities outlined above, the site will be free of hydrocarbon contaminants, and the containment area will no longer be required for the site.

SAMPLING AND ANALYSIS PROCEDURES

At the request of the agencies present at the site (Texas Water Commission and City of Austin), the material in the drums and the material pumped from the site was to be tested for the presence of total organic halides (TOX) and RCRA Metals prior to removal or disposal. The potential for recycling of the waste materials versus disposal limited the testing for ignitability and corrosivity to two samples.

The materials present at the site were located in twenty-four (24) discrete containers, as well as fifteen small, one-gallon used oil containers. The smaller containers were pooled into a single, 55-gallon overpack drum for sampling and analysis procedures. In addition, the site has a single above ground storage tank (AST) unit, containing approximately 1,000-gallons of used motor oil.

To determine the concentration of the materials *potentially* released into Shoal Creek, a sample was requested from Mobley of the materials stored in their onsite tank.

Precleaned and triple rinsed Coliwasa tubes were requested for use in the sampling procedures. A JMA geologist, trained in Environmental Protection Agency sampling procedures returned to the site, composited the smaller oil samples, and sampled the first twenty-four drums. Approximately five days later, the site was revisited, with the AST sampled and the Mobley holding tank resampled. Each container was sampled with a dedicated, virgin Coliwasa tube, with a "profile" sample of the drum collected and placed into precleaned, triple rinsed sample containers. All samples were then placed on ice and transferred under strict Chain-of-Custody to Analysis, Inc. in Austin for analysis. All sampling was conducted under Environmental Protection Agency protocols, with dedicated sampling equipment and containers for each drum sampled.

Analyses were performed on the original twenty-four (24) drums and the composite drum for total organic halides (TOX) and RCRA metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver). These same analyses were performed on the AST and Mobley samples, as well as an EPA Method 8260 organics scan to ensure no toxic materials were *potentially* released into Shoal Creek. The certified laboratory analyses, proceeded by a results summary can be found as Appendix A.

The results first received indicated that the sample of the fluid collected by Mobley had a concentration of lead in excess of the regulatory limits. An investigation of the sampling equipment and procedures utilized by the Mobley staff indicated a potential for cross contamination in this sample. To determine the actual concentration of the materials in the tank, a second sample was collected by the JMA geologist, again utilizing EPA approved sampling and collection techniques. The sample was remanded with the AST sample to Analysis, Inc. for analysis under strict Chain-of-Custody procedures.

The results of the analytical procedures indicate the material *potentially* released into Shoal Creek was not of a toxic concentration. Although the lead level was slightly elevated, its concentration (3.4 mg/l) was below the regulatory limit of 5.0 mg/l. All other parameters indicated this material was within acceptable concentration of TOX and RCRA metals. It is believed that the sample submitted by Mobley, with a lead concentration of 5.7 mg/l is the result of contaminated sampling equipment, as witnessed by the JMA staff at the Mobley site for the second sampling event.

The results of the other materials indicated the presence of elevated concentrations of lead in seven samples; elevated levels of TOX in one samples; elevated levels of 1,1,1 trichloroethane, acetone, tetrachloroethane, and BTEX in the AST sample; and BTEX and Methylene Chloride in drum No. 3.

If this material was intended for disposal, the presence of chlorinated organics might present some problems. The procedures utilized in used oil recycling and re-refining will, however, remove this material.

SITE RESPONSE REPORT

AND

REMEDIATION PROPOSAL

FORMER AUSTIN TOYOTA, INC. FACILITIES

805 West 5th Street Austin, Texas

May 15, 1992

J. McNUTT & ASSOCIATES, INC.
5949 Sherry Lane
Suite 1250
Dallas, Texas 75225

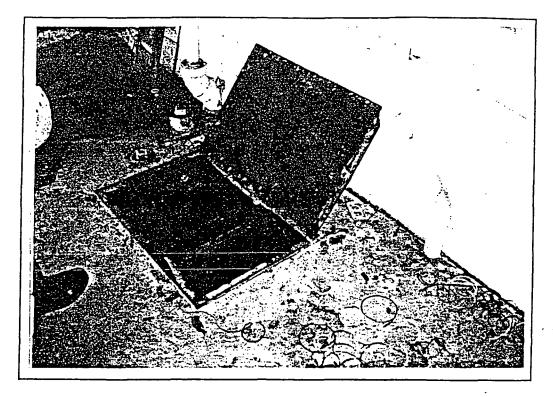
INTRODUCTION

In March, 1991, Comerica, Inc. (Comerica) engaged J. McNutt & Associates, Inc. (JMA) to repeat a subsurface investigation at the Apple (Austin) Toyota, Inc. site at 805 West 5th Street, Austin, Texas. These efforts were performed to evaluate the site to determine the validity of a previously performed assessment performed prior to foreclosure activities.

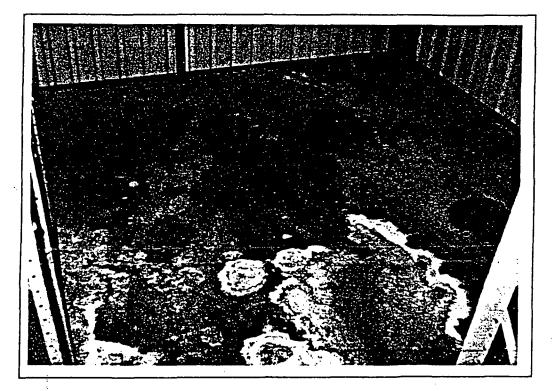
During the March, 1991 activities, the location and condition of the above ground used oil and covered drum storage areas were documented, as well as the existence of an abandoned used oil underground storage tank (UST). In June, 1991, JMA returned to the site to remove the used oil UST and remediate the associated contamination (LPST No. 99907). At that time, the site was again evaluated and the location and condition of the above ground used oil and covered drum storage areas was documented.

On Friday, March 27, 1992, Mr. Chuck Lesniak of the City of Austin contacted the Detroit, MI office of Comerica, Inc. (Comerica) to report a potential leak of used oil at the Apple (Austin) Toyota, Inc. site, 805 West 5th Street, Austin, Travis County. Within ten minutes of original notification, J. McNutt & Associates, Inc. (JMA) contacted Mr. Lesniak's office and within one hour had Mobley Environmental Services (Mobley) on-site to drain the area.

Apparently, Apple has abandoned the site and removed the used oil drum storage area cover, leaving approximately twenty-four (24) drums and one 1,000-gallon used oil AST at the site. The drums are located in the open, bermed area, formerly covered. The open drums becoming filled with rainwater, floating the used oils into the containment area itself. The significant rain event on Friday, March 27, 1992 resulted in the containment area becoming filled with rainwater, floating the spilled oil into an area where it *potentially* entered Shoal Creek. It is believed that if oil did enter Shoal Creek, it was a small quantity, short duration event, terminated by the pumping of the containment area by Mobley.



OIL SUMP IN SECOND BUILDING.



FLOOR STAINING IN SERVICE BAY.

4) "Workplan & Cost Estimate for Site Remediation" prepared by SWL Environmental Services, August 6, 1993



4150 Friedrich Lane P.O. Box 17366 Austin, Texas 78760 Phone: (512) 447-9081 Fax: (512) 443-3442

August 6, 1993

Mr. Joel Sher The Kucera Company 7200 North Mopac, Suite 450 Austin, Texas 78731-2563

Telephone 346-0025 Telefax 346-0195

Re: Workplan and Cost Estimate for Site Remediation and Limited Subsurface Investigation, 805 West Fifth Street, Former Austin Toyota Facility, Austin, Texas

Dear Mr. Sher:

SWL Environmental Services Inc. (SWL) is pleased to submit this workplan and cost estimate for site remediation and a limited subsurface investigation at the referenced facility. There are two objectives of this remediation project and investigation:

- To remediate areas of known environmental concern, including sumps, hydraulic lifts, an aboveground storage tank (AST), and an abandoned drums of automotive maintenance fluids; and
- To investigate potential impact to site soil and shallow ground water from a waste chemical drum storage area, fuel and waste oil underground storage tanks (USTs) and a "town gas" manufacturing facility which operated on site in the late nineteenth century.

Six areas of environmental concern are addressed by this workplan, including:

- Two oily-liquid filled sumps in Service Bay 3 located in the south portion of the site;
- Six hydraulic lift systems with hydraulic oil reservoirs and associated piping. Five lifts are located in Service Bay 1, southeast of the showroom area and one is located in Service Bay 2 southwest of the showroom.

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filled with sandy gravel and road base material, compacted with a backhoe, and resurfaced with concrete. If confirmation samples are still impacted, additional concrete removal, excavation and soil characterization and disposal may be required. SWL will conduct this additional remediation at the unit rates identified in Table A. If excavated soils are characterized as other than Class 2 waste, SWL will coordinate the disposal of the soil at cost plus 15 percent plus labor fees associate with disposal coordination. SWL will notify client of estimated additional disposal costs prior to conducting these activities.

Task 2 - Hydraulic Lift Removal

SWL will conduct the following activities at each of the six lift systems:

- Contract a waste oil recycling company to remove hydraulic fluid from each lift system through the fill ports present at each lift, and drain and remove the hydraulic fluid piping along the walls of the facility which were formerly connected to the hydraulic pump, which has been removed.
- Disconnect the above ground portions of the lift jacks and remove the concrete slab overlying the hydraulic fluid reservoirs associated piping and lift cylinders.
- Excavate soil around each lift cylinder and place it on plastic sheeting in the building.
- Confirm that hydraulic oil has been drained from system components and exposed pipe ends have been sealed.
- Remove the subgrade piping, the drained reservoir tanks, lift cylinders, and transport all metal components of the system to a metal recycling facility.
- Investigate soils under each lift system with the OVM and visual/olfactory inspection. If there is any evidence of hydrocarbon impact, SWL will excavate and stockpile soil on plastic sheeting inside the building. The excavation will be extended to approximately two feet below visibly stained soil.
- Collect confirmation samples from the sidewalls and floor of the excavation, and soil samples from the stockpile and confirmation samples to the laboratory for the following analysis:
 - TPH by EPA method 418.1; and

- Benzene, toluene, ethylbenzene and total xylenes (BTEX) by EPA method 8020.

In addition to the above analyses, stockpiled soils will be analyzed for:

- EOX;
- TCLP RCRA metals; and
- RCI.
- Characterize the soil for disposal upon review of the analytical data. For purposes of this cost estimate, it has been assumed that a total of five cubic yards of soil will be excavated from each lift system and that the excavated soil will be characterized as Class 2 waste. Assuming that excavation bottom and sidewall samples confirm that impacted soil has been removed, and no additional concrete or soil removal is required, the excavations will be filled with sandy gravel and road base material, compacted with the backhoe, and resurfaced with concrete. If confirmation samples indicate in-place soils are still impacted, additional concrete removal, excavation and soil characterization and disposal may be required. SWL will conduct this additional remediation at the unit rates identified in Table A. If excavated soils are characterized as other than Class 2 waste, SWL will coordinate the disposal of the soil at cost plus 15 percent plus labor fees associate with disposal coordination. SWL will notify client of estimated additional disposal costs prior to conducting these activities.

Task 3 - Aboveground Storage Tank Disposal

SWL will complete the following activities:

- Open the fill port of the tank and investigate the tank atmosphere using an explosimeter. If the atmosphere inside the tank is greater than ten percent of the lower explosive limit (LEL), the tank will be purged using dry ice.
- Confirm that the tank atmosphere is less than ten percent of the LEL, and transport the tank to an authorized tank disposal facility.
- Containerize all oily gravel and soil within the tank containment area in 55-gallon drums and characterize this material for disposal at an authorized facility. Previous analysis of waste oil formerly managed in this tank indicated concentrations of lead and chlorinated

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- An aboveground storage tank (AST) formerly used to store waste oil and other discarded chemicals commonly associated with an automobile repair facility. This tank is apparently empty and is to be disposed at an authorized facility. In addition, there is approximately one cubic yard of oil-stained sand and gravel within the AST containment berm that is to be characterized and disposed of.
- A partially filled container of hydrocarbon liquid located in Service Bay 3, and a partially filled container of bearing grease in Service Bay 1. The contents of the drums will be characterized and disposed of at an authorized facility.
- Potential impact to soil and groundwater from a former waste chemical drum storage area, a former waste oil UST and a former fuel UST.
- Potential impact to soil and groundwater from a former onsite facility which generated gas for street lighting prior to the 1890s.

To achieve the objectives, SWL has prepared the following workplan:

SCOPE OF SERVICES

Task 1 - Oily Liquid Filled Sumps

There are two sumps located in Service Bay 3. These appear to have been part of a liquids collection system and are currently full of dark, oily liquid and have several inches of sediment in the bottom of each sump. One of the sumps is connected to a drain in the center of the bay that also is filled with dark oily liquid. The total volume of liquid and sediment in the sumps and drain is estimated to be approximately 100 gallons. SWL will conduct the following activities:

- Collect a composite sample of the contents of the sumps and drains and characterize the sample for disposal. The sample will submitted to the analytical laboratory for the following analyses:
 - Total organic halogens (TOX) by EPA method 9020;
 - Toxicity characteristics leaching procedure (TCLP) volatile organic compounds (VOCs) by EPA methods 1311/8240;

- TCLP RCRA metals by EPA method 1311; and
- Reactivity, corrosivity and ignitability (RCI) by EPA methods described in Title 40 Code of Federal Regulations (CFR) Part 261.

For purposes of this cost estimate, it is assumed that the contents are not hazardous and can be removed by a waste oil recycler. If the contents are determined to be hazardous, SWL can coordinate the disposal at an authorized facility. The cost for this disposal activity may include additional waste characterization, transportation and disposal, and labor associated with disposal coordination.

- Clean the inside of each sump and drain using a high-pressure, heated water cleaner. The resulting cleaning liquids will be pumped into a drum for disposal characterization. For purposes of this cost estimate it is assumed that this liquid can be disposed of by an oil recycler.
- Break out the surrounding concrete and remove the metal sumps, drain any associated piping, and dispose or recycle this material at an authorized facility.
- Conduct a visual/olfactory inspection of soils under the former sump systems for any evidence of staining or odors. In addition, soils will be screened using an organic vapor monitor (OVM). If there is any field evidence of impact, soils will be excavated using a backhoe to approximately two feet below any obvious staining. Excavated soils will be stockpiled on plastic sheeting inside the service bay building. Confirmation samples will be collected from the base and sidewalls of the excavation, and samples from the stockpiled soils and confirmation samples will be submitted to the laboratory for the following analyses:
 - Total petroleum hydrocarbons by EPA method 418.1;
 - Volatile organic compounds (VOCs) by EPA method 624; and
 - TCLP RCRA metals by EPA method 1311.
- Characterize the soil for disposal upon review of the analytical data. For purposes of this cost estimate, it has been assumed that a total of five cubic yards of soil will be excavated from both sump systems and that the excavated soil will be characterized as Class 2 waste. Assuming that excavation bottom and sidewall samples confirm that impacted soil has been removed, and no additional concrete or soil removal is required, the excavations will be

solvents. To characterize the oily soil within the containment area, a sample will be submitted to the laboratory for the following analyses:

- TPH;
- TCLP VOCs;
- RCI; and
- TCLP RCRA metals.

For purposes of this proposal, it is assumed there is approximately 0.5 cubic yards (approximately two-55-gallon drums) of soil which will be characterized as Class II waste. If containerized soils are characterized as other than Class 2 waste, SWL will coordinate the disposal of the soil at cost plus 15 percent plus labor fees associated with disposal coordination. SWL will notify client of estimated additional disposal costs prior to conducting these activities.

Task 4 - Drum Disposal

Previous investigations conducted at the site have identified, characterized, and arranged for the disposal of approximately 26 containers of various automotive repair fluids. There is no evidence of any of these containers on the site, except the apparently empty AST. These containers were formerly stored in the metal building (now removed) at the west end of Service Bay 3. Please refer to the J. McNutt & Associates Site Response Report and Remedial Procedures report, dated October 13, 1992, for additional information on this drum disposal activity.

There are two additional drums on the site that have not been characterized for disposal. One drum is located in Service Bay 3, and is a 40-gallon steel drum which is partially full of a greenish liquid. There is a label on the lid of the drum which indicates the drum was provided by Safety-Kleen. Safety-Kleen was contacted by telephone, and it was determined that this is a drum of Varsol, a hydrocarbon-based parts cleaner, and that Safety-Kleen had a contract to provide Apple Toyota with this material, and dispose of spent Varsol. They indicated that they will remove the drum, and that they require the signature of an Apple representative on a manifest to transport the material. SWL will arrange for the Safety-Kleen representatives to collect the drum after they have received the necessary signatures.

There is also a partially filled 30-gallon steel drum of lubricating grease in Service Bay 1. SWL will coordinate the recycling or disposal of this material. For purposes of this proposal it has been assumed that a recycling company will accept that the material as unused product, and that no analytical characterization will be required. If this is not the case, SWL will coordinate the characterization, transportation and disposal of this material at cost plus 15 percent, plus labor fees associated with arranging the disposal.

Task 5 - Limited Subsurface Investigation

At least four subsurface investigations have been previously conducted at the site, and are briefly summarized here. Please refer to the individual reports for details of each investigation.

The first investigation was conducted by Environmental Engineering Services, Inc. (EES) in January, 1991, and included the installation of seven soil borings from which soil sample were collected, and the conversion of one boring to a temporary groundwater monitoring well, from which a groundwater sample was collected for chemical analysis. Results of the subsurface soil sampling and analytical program indicated the following:

- TPH concentrations of 13 milligrams per kilogram (mg/kg) in a sample from five to fifteen feet below ground level (bgl) in Borehole-5 (BH-5), located south of the east end of Service Bay 1;
- TPH concentration of 19 mg/kg in a sample collected from a depth of 14-to-15 feet bgl in BH-7, located north of the east end of Service Bay 3;
- Total lead concentrations ranging from 23.9 mg/kg to 268 mg/kg in all seven borings from various intervals within the upper five feet of soil; and
- Six of the seven boreholes encountered groundwater at a depth of approximately 14 feet bgl. BH-3 located in the parking area between Service Bay 1 and Service Bay 3 was converted to a temporary monitoring well. A single groundwater sample collected from that well was non-detect for TPH and BTEX.

A second subsurface investigation was conducted by J. McNutt & Associates, Inc. (JMA) in April, 1991. JMA installed four soil borings, each to a depth of 9.5 feet bgl from which soil samples were collected. Samples were collected from a depth of four feet bgl and 9.5 feet bgl in each boring. Soils were analyzed for TCLP chromium, lead and zinc, and for TPH by EPA method 418.1. Analytical results were non-detect for TCLP chromium and lead, and

concentrations of TCLP zinc ranged from non-detect to 0.51 mg/kg. TPH concentrations ranged from non-detect to 97 mg/kg. The 97 mg/kg value was from a soil sample collected from a depth of nine feet bgl in Soil Boring-4 (SB-4) which is located just north of the waste oil AST and waste drum storage area. This sample was re-analyzed for TPH using EPA method 8015 and results were non-detect.

The third investigation was conducted as part of a waste oil UST removal project conducted in July, 1991 (report dated September 20, 1991). A 575-gallon capacity waste oil tank was formerly located south of Service Bay 1. JMA removed and disposed of the tank, and collected a total of three samples from the stockpiled soils and excavation. According to the JMA report, the analytical results from the confirmation samples from the excavation were below TWC action levels for TPH and BTEX. The lead concentration, however, was 1,200 mg/kg. The stockpiled soils had elevated concentrations of TPH and BTEX, and 56 cubic yards of excavated soil was transported to an offsite disposal facility. The TWC conducted an inspection at the site in August 12, 1991 and in a memorandum dated January 6, 1992, stated "In-situ contamination levels at the end of remedial activities were deemed acceptable", the TWC recommended no further remedial action, and sent a closure concurrence letter to the site owner.

A fourth investigation was conducted simultaneously with the waste oil UST removal. Based on interviews conducted with the Toyota service manager during the Phase I ESA conducted by EES, a second UST was formerly located ten to twenty feet east of Shoal Creek, in the western portion of the property. The tank was apparently damaged during the Shoal Creek flooding in 1980, and may have floated from the ground. The tank was returned to service, used for several more years and apparently removed in 1987-88. There is no record of this tank removal activities in the TWC files. In July, 1991, JMA installed an unknown number of investigatory trenches in the area of the former tank and screened soils with an OVM. There were no published results of the OVM measurements and apparently no soil or groundwater samples were collected for analysis. JMA submitted a letter to the TWC summarizing this investigation, and concluded that no tank was present at the site.

One additional item of environmental concern was identified during the SWL Phase I Environmental Site Assessment conducted in July/August, 1993. A "town gas" manufacturing facility was located on the site in the late nineteenth century. This facility manufactured hydrogen and other combustible gasses for street lighting by reacting pine knots with high-pressure steam. This process would have generated a waste sludge containing VOCs and other organic compounds. Although it is not known how these wastes were managed, it is likely they were disposed of onsite in an open pit, and then covered with soil when the site was abandoned. None of the investigations conducted at the site have investigated the shallow soil and groundwater in the western portion of the site where this facility was located.

In summary, there are several areas of the site where potential impact to shallow soils and groundwater have not been adequately investigated, including:

- The former fuel UST in the western portion of the site;
- The former waste drum storage area and waste oil AST at the west end of Service Bay 3;
- The former waste oil UST excavation with elevated lead concentrations in the soil; and
- The gas works which was located in the western portion of the site.

The limited subsurface investigation will consist of installing four groundwater monitoring wells. The purpose of monitoring well installation is to investigate the potential for groundwater impact at the site and to provide information regarding site hydrogeology. SWL will comply with applicable legal requirements, including installation of the well by a licensed water well driller and submission of WWD-012 well reports to the Texas Water Commission (TWC). SWL will perform the following activities:

- Install four monitoring wells to a depth of 25 feet below ground level (bgl) or approximately 10 feet into groundwater, whichever is shallower, using hollow stem auger drilling techniques. The wells will be installed in the following locations:
 - MW-1 will be located approximately 150 feet south of West Fifth street, along the west property boundary to evaluate potential impact from the former fuel UST.
 - MW-2 will be located within the boundary of the former waste chemical storage area, at the west end of Service Bay 3 to evaluate potential impact from waste chemical and waste oil storage.
 - MW-3 will be located south of Service Bay 1 within the boundary of the removed waste oil UST to evaluate potential impact from the former waste oil tank and hydraulic lifts in Service Bay 1.
 - MW-4 will be installed west of Service Bay 2 at the approximate location of the former gas works.
- Decontaminate all downhole equipment with high-pressure heated water prior to drilling and between borings to prevent cross-contamination.

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- Continuously sample the borings and field screen samples using an organic vapor monitor (OVM) and visual/olfactory inspections for the presence of contamination (i.e. staining, odors, etc.).
- Retain two soil samples from each soil boring from the zone of highest contamination evidence, if present, and one from the capillary fringe, for the following analyses:
 - Total petroleum hydrocarbons (TPH) by EPA method 418.1;
 - Volatile organic compounds (VOC) by EPA method 624; and
 - TCLP RCRA metals by EPA method 1311.

Upon completion of the drilling and sampling activities, the monitoring wells will be constructed as follows:

- Two-inch diameter schedule 40 polyvinyl chloride (PVC) well pipe assembly;
- 10 to 15 feet of well screen consisting of 0.010-inch mill-slotted openings with flush threaded joints;
- Riser pipe to surface;
- Graded silica sand filter material placed in the annular space between the borehole and the well screen from the bottom of the hole to approximately two feet above the top of the screened interval;
- One to two feet of hydrated bentonite pellets placed above the filter pack;
- Portland cement and bentonite grout mixture (12:1 ratio) annular seal placed from the top of the bentonite pack to the surface;
- Slightly above grade well completion with an eight-inch round, bolted monitoring well cover; and
- · Locking well cap.

Upon completion, the wells will be developed by bailing out three to five resident well bore volumes. Water samples will then be collected for the following analyses:

- Total petroleum hydrocarbons (TPH) by EPA method 418.1;
- Volatile organic compounds (VOC) by EPA method 8240;
- RCRA metals by EPA methods 7470, 7060, 7420, and 7740; and
- Total dissolved solids (TDS) by EPA method 160.1.

All of the monitoring wells will be surveyed to a temporary benchmark and groundwater elevations will be measured to evaluate groundwater flow direction.

SWL will characterize waste soil cuttings, discarded soil samples and well development water for disposal. For this proposal, it is assumed all soil and water generated will be clean and can be disposed of onsite. In the event contamination is encountered, SWL will notify client of any resulting cost or schedule changes.

Task 6 - Report Preparation

SWL will prepare a report documenting the results of the investigation. This letter report will include:

- A description of drilling activities;
- Copies of soil boring and monitoring well construction logs;
- Copies of waste disposal manifests;
- Site maps;
- Chain-of-custody and laboratory data sheets;
- Copies of WWD-012 forms;
- An interpretation of the analytical data;
- Summary of the results of the investigation; and
- Recommendations for additional activity, if any.

The report will submitted in draft form for your review. After receiving any comments/requested changes, SWL will print the final report.

ASSUMPTIONS

In addition to the conditions assumed in the discussion sections of Tasks 1 through 4, the following assumptions have been made for purposes of the cost estimate in Table A:

- SWL will have access to the site during normal weekday business hours.
- Soil cuttings and well development water will be temporarily stored on site until analytical tests have been completed. If soil or water have not been impacted, they may be spread out upon the ground. If soil or water have been impacted, SWL will coordinate disposal at cost plus 15 percent, plus labor cost for coordinating disposal. SWL will notify client of disposal options and of any necessary cost or schedule revisions.
- The wells will go no deeper than 25 feet bgl. Additional drilling will be performed at the footage rate, plus any appropriate labor or equipment charges, identified in Table A.
- Field work may be completed in Level D personal protective equipment.

HEALTH AND SAFETY

Because environmental investigations may include exposure to hazardous materials, SWL will develop a written, project-specific Health and Safety Plan which will describe the use of certain personnel protection equipment which may include:

- Use of protective equipment, including coveralls, hard hats, steel-toed boots, work gloves, chemical resistant clothing and air-purifying respirators;
- Ambient air monitoring to measure and assess the work atmosphere for potential chemical exposure or explosive conditions;
- Prohibition of personal hygiene practices that increase the probability of hand-to-mouth transfer and ingestion of potentially contaminated material in designated areas;

- Presence of a Site Health and Safety Coordinator (SHSC) or duly authorized representative charged with overseeing site health and safety procedures; and
- Immediate reporting of all accidents, injuries, illnesses or environmental releases associated with site activities to the Project Manager.

SCHEDULE

Upon authorization, SWL will schedule the work activities. SWL anticipates six to eight days of field activities, one to two weeks for sample analysis, and one to two weeks for report preparation. It is recognized there are situations such as short term closings dates that require results of the study sooner. SWL will make the appropriate adjustments when possible prior to the commencement of work to deliver the results of the study in a timely manner.

PROJECT COSTS

The estimated cost for the proposed scope of work is \$49,915.00. A cost breakdown is included in Table A.

CONDITIONS OF ENGAGEMENT

This cost estimate can be accepted and work can be authorized by executing two copies of SWL's Agreement for Environmental Engineering and Testing Services and returning one original copy to SWL. The Proposal for Services and the Statement of Terms and Conditions shall constitute the entire agreement between the parties.

We appreciate the opportunity to work with you on this project. Please call if you have any questions.

Sincerely,

SWL ENVIRONMENTAL SERVICES

Hilary D. Johns

Program Manager

HDJ/dm Attachment

Table A

COST ESTIMATE

Site Remediation and Limited Subsurface Investigation 805 West Fifth Street Austin, Texas

DESCRIPTION	UNIT	UNIT COST	TOTAL			
Workplan Preparation	Lump Sum		\$850.00			
Project Planning/Coordination Health and Safety Plan Preparation (per hour)	(b) (4)	(b) (4)	\$1,300.00			
		Subtotal	\$2,150.00			
	Task 1 - Sump Remo	ediation				
Labor (per hour)	(b) (4)	(b) (4)	\$2,000.00			
Equipment	Lump Sum	\$1,200.00	\$1,200.00			
Analytical* - Sump Contents TOX, TCLP, VOC, TCLP RCRA Metals, RCI(per sample)	(b) (4)	(b) (4)	\$732.00			
Disposal of Sump Contents	Lump Sum	\$100.00	\$100.00			
Plastic Sheeting	Lump Sum	\$50.00	\$50.00			
Soil Screening (OVM), (per day)	(b) (4)	(b) (4)	\$100.00			
Analytical* - Confirmation Samples TPH, VOC, TCLP Metals (per sample)	(b) (4)	(b) (4)	\$5,020.00			
Soil Transportation and Disposal (per cubic yard)	(b) (4)	(b) (4)	\$125.00			
Soil Replacement (per cubic yard)	(b) (4)	(b) (4)	\$75.00			
Concrete Resurfacing (per square foot)	(b) (4)	(b) (4)	\$1,200.00			
		Task 1 Subtotal	\$10,602.00			
Task 2 - Lift Removal						
Labor (per hour)	(b) (4)	(b) (4)	\$5,000.00			
Equipment Rental	Lump Sum	\$2,400.00	\$2,400.00			
Soil Screening (per day)	(b) (4)	(b) (4)	\$500.00			

Table A, Continued

COST ESTIMATE

Site Remediation and Limited Subsurface Investigation 805 West Fifth Street Austin, Texas

DESCRIPTION	UNIT	UNIT COST	TOTAL		
Plastic Sheeting	Lump Sum	\$300.00	\$300.00		
Analytical* - Confirmation Samples TPH, BTEX (per sample)	(b) (4)	(b) (4)	\$3,120.00		
Analytical* - Soil Stockpiles TPH, BTEX, EOX, TCLP RCRA Metals, RCI (per sample)	(b) (4)	(b) (4)	\$3,222.00		
Soil Transportation and Disposal (per cubic yard)	(b) (4)	(b) (4)	\$750.00		
Soil Replacement (per cubic yard)	(b) (4)	(b) (4)	\$450.00		
Concrete Resurfacing (per square foot)	(b) (4)	(b) (4)	\$3,000.00		
		Task 2 Subtotal	\$18,742.00		
	Task 3 - AST Ren	ioval			
Labor (per hour)	(b) (4)	(b) (4)	\$440.00		
Equipment Rental	Lump Sum	\$450.00	\$450.00		
Explosimeter Rental (per day)	(b) (4)	(b) (4)	\$25.00		
Tank Disposal	Lump Sum	\$200.00	\$200.00		
Drums (per drum)	(b) (4)	(b) (4)	\$100.00		
Analytical* TPH, TCLP VOC, TCLP, RCRA Metals, RCI (per sample)	(b) (4)	(b) (4)	\$682.00		
Drummed Soil Disposal	Lump Sum	\$200.00	\$200.00		
		Task 3 Subtotal	\$2,097.00		
Task 4 - Drum Disposal					
Labor (per hour)	(b) (4)	(b) (4)	\$330.00		
Recycling Fee (Grease Drum)	(b) (4)	(b) (4)	\$175.00		



Table A, Continued

COST ESTIMATE

Site Remediation and Limited Subsurface Investigation 805 West Fifth Street Austin, Texas

DESCRIPTION	UNIT UNIT COST		TOTAL	
		Task 4 Subtotal	\$505.00	
Task	5 - Limited Subsurfac	e Investigation		
Labor (per hour)	(b) (4)	(b) (4)	\$1,540.00	
Drilling** (four 25-foot wells)	Lump Sum	\$4,900.00	\$4,900.00	
Analytical* TPH, VOC, TCLP RCRA Metals (Soil) (per sample)	(b) (4)	(b) (4)	\$4,016.00	
TPH, VOC, RCRA Metals, TDS (Water) (per sample)	(b) (4)	(b) (4)	\$1,648.00	
Equipment/Supplies	Lump Sum	\$350.00	\$350.00	
Investigation-derived Waste Management *** (per hour)	(b) (4)	(b) (4)	\$165.00	
		Subtotal Task 5	\$12,619.00	
Task 6 - 1	Data Evaluation and I	Report Preparation		
	Subtotal Task 6	\$3,200.00		
	ED PROJECT COST	\$49,915.00		

^{*} Cost assumes normal laboratory turnaround time of seven to ten days. Analytical results obtained in 24 hours add 100% to analytical costs.

Wells will be completed as permanent monitoring wells. When no further use is intended, the wells should be plugged and abandoned according to TWC regulations. Estimated cost to plug and abandon wells is (b) (4) each. If it necessary to drill wells deeper than assumed depth in order to obtain a sample of groundwater, additional cost per foot of well installation is (b) (4)

Cost assumes soil cuttings are clean and can be spread out onsite after analytical confirmation. If cuttings or water are contaminated, additional costs for labor and disposal may be required. SWL will notify client of any cost revisions associated with waste disposal.

CAPITAL GAS LIGHT COMPANY

DOCUMENT 7

2) "Summary of Limited Subsurface Investigation Results" prepared by SWL Environmental Services, September 20, 1993

SEP 2 1 1993



September 20, 1993

4150 Freidrich Lane P.O. Box 17366 Austin, Texas 78760 Phone: (512) 447-9081 Fax: (512) 443-3442

Mr. Joel Sher
The Kucera Company
7200 North Mopac, Suite 450
Austin, Texas 78731

Telephone 346-0025 Telefax 346-0195

Re: Summary of Limited Subsurface Investigation Results, 805 West Fifth Street, Former Austin Toyota Facility, Austin, Texas

Dear Mr. Sher:

SWL Environmental Services (SWL) was retained by Nickolaus Hensel, Trustee (Hensel) to conduct a limited subsurface investigation at 805 West Fifth Street in Austin, Texas. The objectives of this investigation were to evaluate potential chemical impact to site shallow soils and groundwater from two underground storage tanks (USTs), a chemical drum storage area, and a "town gas" processing facility formerly located at the property.

The subsurface investigation consisted of the installation and sampling of four soil borings/groundwater monitoring wells. The location of the borings/wells were selected based on findings of a Phase I Environmental Site Assessment (ESA) conducted for Hensel by SWL in August 1993. The results of this limited subsurface investigation were evaluated for evidence of chemical impact to site soils and/or groundwater due to past operations at the site. Analytical results are summarized in Table 1 and Table 2 attached. The following is a summary of the results which have an impact on the site.

- The TPH concentration, found in the soil sample collected from MW-2 at 1.5 feet below ground level, indicates that the shallow soil has apparently been impacted from a chemical release.
- Lead concentrations in groundwater from MW-1, MW-2, and MW-4 are approximately three times the drinking water standard of 0.5 mg/l. Chromium concentration in groundwater from MW-3 is over two times the drinking water standard of 0.1 mg/l.

In accordance with Chapter 26 of the Texas Water Code, the owner/operator of the site is required to notify the Texas Natural Resources Conservation Commission (TNRCC, formerly

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Mr. Joel Sher September 20, 1993 Page 2

the Texas Water Commission) of any release or suspected release which may affect waters of Texas within 24 hours.

It is likely that, upon notification of the results of this investigation, the TNRCC will request additional assessment of the site to evaluate horizontal and vertical extent of contamination, identify source areas and, as appropriate, develop remedial action alternatives. To expedite the next phase of investigation, and to reduce costs associated with future work, the notification by the owner/operators should immediately be followed by a workplan designed to investigate/mitigate potential problems. This workplan will include investigation techniques, sampling and analytical protocol, schedule and cost estimate. The estimated cost to implement the scope of work would be included under a separate cover. SWL estimates that the tasks to be presented in the workplan can be completed in approximately 45 days subsequent to your acceptance and TNRCC approval. This schedule is only an estimate, as the exact scope of work has yet to be completed.

After your review of this summary, please contact me to discuss how you wish SWL to proceed. With your approval, SWL will prepare this detailed workplan for submittal to, and approval by, the TNRCC. This workplan can be completed within seven working days after approval, for an estimated cost of \$950.

Sincerely,

SWL ENVIRONMENTAL SERVICES

Jim Howden Project Manager

JH/mjj Attachments

TABLE 1 Soil Sample Summary 805 West Fifth Street

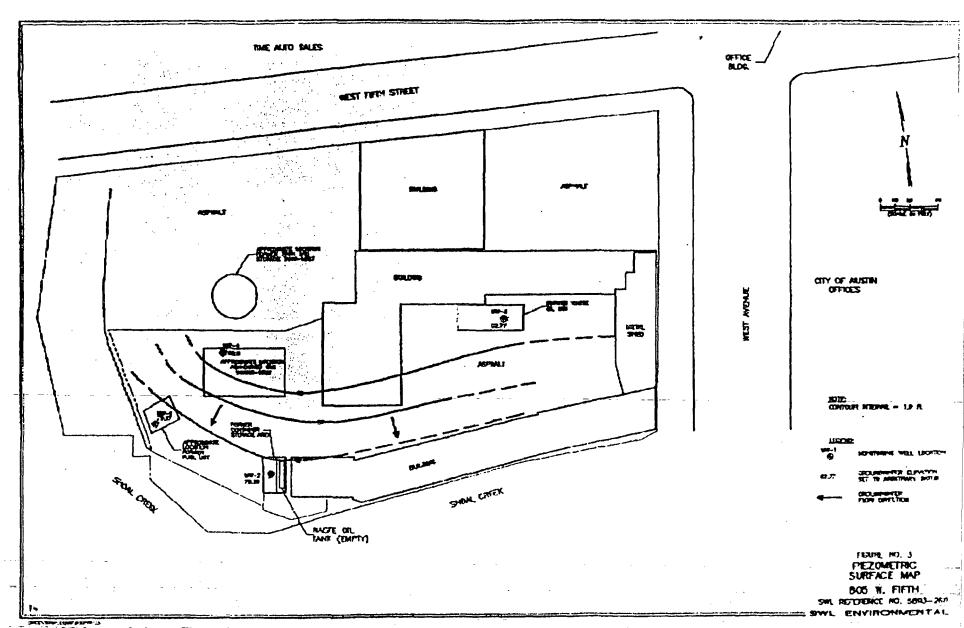
	SAMPLE IDENTIFICATION							
ANALYTICAL PARAMETER	MW-1 19 feet	MW-1 23 feet	MW-2 1.5 feet	MW-2 21 feet	MW-3 9 feet	MW-3 14 feet	MW-4 7 feet	MW-4 18 feet
Total Petroleum Hydrocarbons (mg/kg)	7.3	25.0	490	8.9	17.6	16.1	25.2	5.9
Volatile Organic Compounds	ND	ND	ND	ND	ND	ND	ND	ND
TCLP Metals (mg/l) Arsenic Barium Cadmium Chromium Lead Mercury Selenium Silver	ND 1.90 0.011 ND ND ND ND	ND 2.88 0.031 ND ND ND ND ND	ND 2.03 0.015 ND ND ND ND	ND 2.59 0.012 ND ND ND ND ND	ND 3.81 0.011 ND ND ND ND	ND 3.76 ND ND ND ND ND ND ND	ND 2.66 0.013 ND 3.18 ND ND ND	ND ND ND ND ND ND ND

mg/kg - milligrams per kilogram. mg/L - milligrams per liter. ND - Analytical parameter below method detection limit.

TABLE 2 Groundwater Sample Summary 805 West Fifth Street

ANALTYCAL	SAMPLE IDENTIFICATION					
PARAMETER	MW-1	MW-2	MW-3	MW-4		
Total Petroleum Hydrocarbons (mg/l)	ND	ND	1.70	ND		
Volatile Organic Compounds	ND	ND	ND	ND		
Metals (mg/l) Arsenic Barium Cadmium Chromium Lead Mercury Selenium Silver	0.04 0.36 ND ND 0.15 0.0010 ND ND	0.03 0.45 ND ND 0.15 0.0018 ND ND	0.04 0.37 ND 0.227 ND 0.0012 ND ND	0.02 0.41 ND ND 0.16 0.0008 ND ND		
Total Dissolved Solids (mg/l)	537	769	710	661		

mg/l - milligram per liter
ND - Analytical parameter below method detection limit.



CAPITAL GAS LIGHT COMPANY

DOCUMENT 8

REPEAT GROUNDWATER QUALITY ASSESSMENT ACTIVITIES FORMER AUSTIN TOYOTA, INC. FACILITIES AUSTIN, TEXAS

November 11, 1993

Prepared by

J. McNutt & Associates, Inc.

1250 Sterling Plaza 5949 Sherry Lane Dallas, Texas 75225

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- 1.0 Executive Summary
- 2.0 Introduction
- 3.0 Field Activities and Procedures
- 4.0 Summary of Results
- 5.0 Recommendations
- Appendix A Certified Laboratory Results
- Appendix B Field Activity Log and Water Level Field Sheet .
- Appendix C US EPA Procedures for Groundwater Sampling
- Appendix D Site Safety Plan

SECTION 1.0 EXECUTIVE SUMMARY

In August, 1990, Comerica Bank, N.A. engaged Environmental Engineering Services, Inc. (EES) to perform a Phase I Environmental Audit of the Austin Toyota, Inc. property, located at 805 West Fifth Street, Austin, Texas, in a effort to determine potential lender liability prior to foreclosure. In accordance with this assignment, EES completed this task with the submission of Phase I Report on October 13, 1990. The results of this study indicated several potential areas of contamination at the site, and a Phase II Assessment was required.

In January, 1991, after completing the Phase II activities, EES submitted a report outlining three major areas of *potential* contamination and estimating remediation costs of \$15,000,000.

Based upon the EES site activities and past submittals, Comerica engaged the law firm of Hughes & Luce with the professional engineering firm of J. McNutt & Associates, Inc. (JMA). to repeat the Phase II Environmental Site Assessment (ESA) Activities at the site in April, 1991. The results of JMA assessment found minimal site contamination, and one used oil UST. Comerica then engaged JMA to remove the UST in August, 1991. The local TWC office granted a clean closure to the site in September, 1991.

In July, 1993, The Kucera Company (Kucera) of Austin, Texas, engaged Southwestern Laboratories, Inc. (SWL) to repeat a Phase I ESA at the site for a pending acquisition of the site. The results of the repeat ESA, dated August 6, 1993, indicated a Phase II Groundwater Assessment was in order to ensure no residual contamination was present in the groundwater at the site.

In late August, 1993, SWL returned to the site and advanced four groundwater wells at the site. SWL developed the wells and collected groundwater samples for analysis. The results of the analytical procedures *appeared* to indicate the presence of total petroleum hydrocarbons from MW-2; lead in MW-1, MW-2 and MW-4; and chromium in MW-3.

In response to these results, Kucera engaged JMA to review the site information, lithologic boring logs, and analytical data to determine the validity of the SWL results.

JMA's evaluation indicated that the wells appeared to have not been adequately developed, and the heavy metal contaminants detected were naturally occurring at the site. If sediment containing these naturally occurring metals were present in the groundwater samples, the laboratory preparation prior to analysis (acidification and digestion) would have converted these materials into the elemental which would have demonstrated a false positive results.

Based upon this evaluation, JMA's local subcontractor, Terra Dynamics, Inc. (Terra Dynamics) returned to the site, redeveloped all four wells, and collected repeat samples for analysis. Analysis for total petroleum hydrocarbons and RCRA metals were performed on all samples. In addition, a duplicate set of samples were filtered to remove any residual sediments prior to a second metals analysis.

The results of these efforts demonstrated that the heavy metal contaminants detected by SWL in August were false positive results. No total petroleum hydrocarbons were detected in any of the four wells. All metals present in the ground-water at the site have been determined to be well within regulatory levels, with most below the detectable limits of the analytical laboratory equipment and procedures.

JMA has determined that no further activities are required or warranted at this site, and no items of potential risk and liability to Comerica or Kucera have been detected.

SECTION 2.0 INTRODUCTION

In August, 1990, Comerica Bank, N.A. engaged Environmental Engineering Services, Inc. (EES) to perform a Phase I Environmental Audit of the former Austin (Apple) Toyota, Inc. property, located at 805 West Fifth Street, Austin, Texas, in a effort to determine potential lender liability prior to foreclosure. In accordance with this assignment, EES completed this task with the submission of Phase I Report on October 13, 1990. The results of this study indicated five (5) potential areas of contamination at the site.

Based upon the report of October 13, 1990, a clarification letter was issued by EES on November 7, 1990. In this letter, EES outlined eight (8) areas which required additional investigation, and prepared costing for additional tasks. In January, 1991, after completing these additional tasks, EES submitted a report on January 29, 1991 and a clarification letter of February 14, 1991, outlining three major areas of *potential* contamination and estimating remediation costs. The estimate for remediation costs, based upon the previous EES site investigations, was \$15,000,000.

Based upon the EES site activities and past submittals, Comerica engaged the law firm of Hughes & Luce with J. McNutt & Associates, Inc. (JMA) to repeat the EES Phase II Environmental Site Assessment (ESA) Activities at the site in April, 1991. The results of JMA assessment found minimal actual areas of site contamination, and one used oil UST. Comerica engaged JMA to remove the UST in August, 1991. The local TWC office granted a clean closure to the site in September, 1991.

In July, 1993, The Kucera Company (Kucera) of Austin, Texas, engaged Southwestern Laboratories, Inc. (SWL) to repeat a Phase I ESA at the site for a pending acquisition of the site. The results of the repeat ESA, dated August 6, 1993, indicated a Phase II Groundwater Assessment was in order to ensure no residual contamination was present in the groundwater at the site.

In late August, 1993, SWL returned to the site and placed four groundwater wells at the site. SWL developed the wells and collected groundwater samples for analysis. The results of the analytical procedures *appeared* to indicate the presence of total petroleum hydrocarbons from MW-2; lead in MW-1, MW-2 and MW-4; and chromium in MW-3.

In response to these results, Kucera engaged JMA to review the site information, lithologic boring logs, and analytical data to determine the validity of the SWL results. In addition, JMA was to redevelop and resample the four on-site monitoring wells, strictly adhering to U.S. Environmental Protection Agency guidelines.

SECTION 3.0 FIELD ACTIVITES AND PROCEDURES

The four groundwater monitoring wells had been installed previously by been installed, developed and sampled by Southwestern Laboratories Environmental Services (SWL) to investigate the potential impact to the site from historic uses identified in several previous Environmental Site Assessment (ESA) activities at the site.

Although the procedures utilized in the installation, development and sampling of these wells has not been delineated, lithologic boring logs and well construction diagrams for the site were supplied.

The SWL letter report of the site activities to The Kucera Company (Kucera) stated that the levels of lead found in the groundwater from wells MW-1, MW-2, and MW-4 contained lead in excess of the Safe Drinking Water Maximum Concentration Levels (MCL); the groundwater in MW-3 contained chromium levels also in excess of the MCL; and the groundwater in MW-2 contained concentrations of total petroleum hydrocarbons (TPH).

Kucera engaged J. McNutt & Associates, Inc. (JMA) to first review the SWL reports, then revisit the site, purge the wells, and resample the groundwater to determine the validity of the previous SWL results. JMA, in association with Terra Dynamics, Inc. (Terra Dynamics) of Austin, incorporated a modification to the previous sampling and analytical protocols. All groundwater samples were split into two aliquots. The first aliquot was analyzed for TPH and heavy metals content. The second aliquot was filtered using a 0.45 micron membrane filter to determine the actual levels of *dissolved* metals in the groundwater.

According to the US EPA RCRA Groundwater Monitoring Technical Enforcement Guidance Document, page 114:

"Metallic ions that migrate through the unsaturated and saturated zones and arrive at a groundwater monitoring well may be present

in the well. Particles, (e.g., silt, clay), which may be present in the well even after well evacuation procedures, may have an effect upon dissolved metal content in the well water. Ground water samples on which metals analysis will be conducted should be split into two portions. One portion should be filtered through a 0.45 micron membrane filter, transferred to a bottle, preserved with nitric acid to a pH of less than 2 and analyzed for dissolved metals. The remaining portion should be transferred to a bottle, preserved with nitric acid, and analyzed for total metals. Any difference in the concentration between the total and dissolved fractions may be attributed to the original metallic ion content of the particles and any sorption of ions to the particles."

The site activities were executed by two Terra Dynamics staff on October 27, 1993. The four wells, numbered MW-1, MW-2, MW-3, and MW-4; were gauged, purged, and sampled using US EPA Standard Operating Procedures. These Procedures are identical to the US EPA Environmental Compliance Branch Standard Operating Procedures. All field activities were performed in accordance with the JMA Site Specific Health and Safety Plan prepared for the Austin (Apple) Toyota Site Investigation.

In excess of three casing volumes were bailed from each well prior to sampling to ensure sample quality. The wells were purged and sampled using pre-cleaned disposable polyethylene bailers and polyethylene rope. A new bailer and rope was used for each well to prevent cross-contamination between wells. As requested by SWL, all samples were split in the field between SWL and Terra Dynamics. The samples were immediately placed on ice and transported within 4-hours to AnalySys Laboratories (Analysis) in Austin for filtration preservation, and testing. AnalySys filtered the samples for SWL to maintain consistency between the sample splits. The SWL samples were then remanded to SWL for shippment to their Houston, TX laboratory for analysis. The JMA samples were analyzed for Total Petroleum Hydrocarbons (TPH) and the eight Safe Drinking Water Act Metals (total and dissolved).

The Daily Activity Log and Water Level Field Sheet are found as Appendix B.

The Laboratory Chain-of-Custody form for the site work are included with the

Certified Laboratory Results as Appendix A.

SECTION 4.0 FIELD OBSERVATIONS AND RESULTS

The four groundwater monitoring wells at the Austin (Apple) Toyota Site are of a typical construction utilized in shallow perched aquifers in similar geological conditions. The groundwater obtained from all four wells appeared to be extremely turbid, with a large amount of suspended solid materials (silt) noted. The four wells were purged in excess of the three casing volumes normally removed in an attempt to reduce the volume of silt in the samples, with no obvious positive result. This is typical for shallow monitor wells, and it would be difficult to remedy without re-installing the wells.

One of the wells, MW-3, was installed through the location of a previously removed underground storage tank (UST) tank pit. The fresh asphalt paving around the well surface completion has cracked and sunk below the concrete sanitary well seal, exposing the monitor well casing. Rainwater has further eroded the soil under the paving, and caused a small crater around the well. This could allow surface water to flow down the annulus of the well, which would possibly contaminate the ground water in the vicinity of the well. No evidence of this type of contamination was noted in the sample results.

The data from the analytical laboratory testing meets the data quality objectives for this project. All analyses were performed within designated holding times and using proper analytical procedures. The full data sheets are included in Appendix A, with selected information presented below.

The data from the re-sampling activities indicates there are no elevated levels of TPH, dissolved lead, or dissolved chromium in the groundwater found in the four monitor wells at the site. The levels of total lead are also below the Safe Drinking Water Act MCL's in these samples.

Parameter	MW-1	MW-2	MW-3	MW-4
ТРН	<0.2	<0.2	<0.2	<0.2
Pb MCL	0.5	0.5	0.5	0.5
Pb, dissolved	<0.001	0.0014	0.0026	<0.001
Pb, total	0.024	0.14	0.016	0.17
Cr MCL	0.1	0.1	0.1	0.1
Cr, dissolved	<0.05	<0.05	<0.05	<0.05
Cr, total	0.13	0.39	0.076	0.4

TABLE 1

all data presented in mg/l (ppm)

SECTION 5.0 SUMMARY

The data from the re-sampling activity shows no levels of lead or chromium in excess of the SDWA Primary Drinking Water Standard MCL's. These MCL's are the levels used by regulatory agencies to determine if ground water is contaminated or unsafe to use as a drinking water source. There are also no detectable levels of TPH in the groundwater that would indicate a release from prior site activity that has impacted the ground water.

Based upon the data from the re-sampling event, no further investigation or notification of regulatory agencies is warranted at this time. Monitor well MW-3 should be properly plugged and abandoned to prevent further deterioration. At some time in the future, the monitor well system should be plugged and abandoned to prevent vandalism or potential shallow ground water contamination due to surface water infiltration.

APPENDIX A CERTIFIED LABORATORY RESULTS



4221 Freidrich Lane, Suite 190, Austin. Texas 78744-1044 [(512) 444-5896 FAX: (512) 447-4766

Client: Terra Dynamics, Inc.

9171 Loop 360 N, 100 Travis Bldg.

Austin,

TX 78759

Attn: Michael Edgar

795-8183

Project Description: Austin Toyota

Sample Name: MW-1

Date/Time Taken: 10/27/93

V-1

1:20:00

Matrix:

Report #: 43152

Report Date: 11/9/93

Water 2:50:00

Page 1

Date/Time Received: 10/27/93

Report of Analysis

see attached

Respectfully submitted,

Hopkins Haden

All method numbers denote USEPA procedures unless otherwise stated.

"Less than" values reflect the nominal detection limit of the method employed.

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Report of Analysis

Project Desc: Austin Toyota

Report #: 43152 Page 2

Sample Name: MW-1

Report Date: 11/9/93

					<u>Date</u>	
<u>Parameter</u>	Result	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
Petroleum hydrocarbons	<0.2	mg/L	0.2	<0.2	11/5/93	418.1
Arsenic/GFAA	0.06	mg/L	0.001	< 0.001	11/1/93	206.2&7060
Arsenic/GFAA, filtered	< 0.001	mg/L	0.001	< 0.001	11/1/93	206.2&7060
Barium/ICP	0.6	mg/L	0.01	< 0.01	11/1/93	6010 & 200.7
Barium/ICP, filtered	0.41	mg/L	0.01	< 0.01	11/2/93	6010 & 200.7
Cadmium/ICP	0.018	mg/L	0.01	< 0.01	11/1/93	6010 & 200.7
Cadmium/ICP, filtered	0.011	mg/L	0.01	< 0.01	11/1/93	6010 & 200.7
Chromium/ICP	0.13	mg/L	0.05	<0.05	11/1/93	6010 & 200.7
Chromium/ICP, filtered	< 0.05	mg/L	0.05	< 0.05	11/1/93	6010 & 200.7
Lead/GFAA	0.024	mg/L	0.001	< 0.001	11/1/93	239.2&7421
Lead/GFAA, filtered	< 0.001	mg/L	0.001	<0.001	11/1/93	239.2&7421
Mercury/CVAA	< 0.0002	mg/L	0.0002	< 0.0002	11/1/93	245.1&7470
Mercury/CVAA, filtered	< 0.0002	mg/L	0.0002	< 0.0002	11/1/93	245.1&7470
Selenium/GFAA	< 0.002	mg/L	0.002	< 0.002	11/1/93	270.2&7740
Selenium/GFAA, filtered	< 0.002	mg/L	0.002	< 0.002	11/1/93	270.2&7740
Silver/GFAA	< 0.002	mg/L	0.002	<0.002	11/2/93	272.2&7761
Silver/GFAA, filtered	<0.002	mg/L	0.002	< 0.002	11/2/93	272.2&7761
					•	

^{1.} Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.



4221 Freidrich Lane, Suite 190, Austin, Texas 78744-1044 [(512) 444-5896 FAX: (512) 447-4766

Client: Terra Dynamics, Inc.

9171 Loop 360 N, 100 Travis Bldg.

Austin,

TX 78759

Attn: Michael Edgar

795-8183

Project Description: Austin Toyota

Sample Name: MW-2

Matrix:

Water

Date/Time Received: 10/27/93 Date/Time Taken: 10/27/93 11:40:00

Report #: 43153

Report Date: 11/9/93

2:50:00

Page 1

Report of Analysis

see attached

Respectfully submitted,

Hopkins Haden

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Report of Analysis

Project Desc:

Austin Toyota

Report #: 43153

Page 2

Sample Name:

MW-2

Report Date: 11/9/93

					Date	
<u>Parameter</u>	Result	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
Petroleum hydrocarbons	<0.2	mg/L	0.2	<0.2	11/5/93	418.1
Arsenic/GFAA	0.12	mg/L	0.001	< 0.001	11/1/93	206.2&7060
Arsenic/GFAA, filtered	< 0.001	mg/L	0.001	< 0.001	11/1/93	206.2&7060
Barium/ICP	1.8	mg/L	0.01	< 0.01	11/1/93	6010 & 200.7
Barium/ICP, filtered	0.18	mg/L	0.01	< 0.01	11/2/93	6010 & 200.7
Cadmium/ICP	0.04	mg/L	0.01	< 0.01	11/1/93	6010 & 200.7
Cadmium/ICP, filtered	< 0.01	mg/L	0.01	< 0.01	11/1/93	6010 & 200.7
Chromium/ICP	0.39	mg/L	0.05	<0.05	11/1/93	6010 & 200.7
Chromium/ICP, filtered	< 0.05	mg/L	0.05	<0.05	11/1/93	6010 & 200.7
Lead/GFAA	0.14	mg/L	0.001	< 0.001	11/1/93	239.2&7421
Lead/GFAA, filtered	0.0014	mg/L	0.001	<0.001	11/1/93	239.2&7421
Mercury/CVAA	< 0.0002	mg/L	0.0002	<0.0002	11/1/93	245.1&7470
Mercury/CVAA, filtered	< 0.0002	mg/L	0.0002	<0.0002	11/1/93	245.1&7470
Selenium/GFAA	0.004	mg/L	0.002	< 0.002	11/1/93	270.2&7740
Selenium/GFAA, filtered	0.0022	mg/L	0.002	<0.002	11/1/93	270.2&7740
Silver/GFAA	0.0034	mg/L	0.002	< 0.002	11/2/93	272.2&7761
Silver/GFAA, filtered	< 0.002	mg/L	0.002	<0.002	11/2/93	272.2&7761

^{1.} Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.



4221 Freidrich Lane, Suite 190, Austin, Texas 78744-1044 [(512) 444-5896 FAX: (512) 447-4766

Client: Terra Dynamics, Inc.

9171 Loop 360 N, 100 Travis Bldg.

Austin,

TX 78759

Attn: Michael Edgar

795-8183

Project Description: Austin Toyota

Sample Name: MW-3

Date/Time Taken: 10/27/93

11:05:00

Matrix:

Report #: 43154

Report Date: 11/9/93

Water

Date/Time Received: 10/27/93

2:50:00

Page 1

Report of Analysis

see attached

Respectfully submitted,

Hopkins Haden

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Report of Analysis

Project Desc: Austin Toyota

Report #: 43154 Page 2

Sample Name: MW-3

Report Date: 11/9/93

					Date	A.
<u>Parameter</u>	Result	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	Analyzed	Test Method
Petroleum hydrocarbons	< 0.2	mg/L	0.2	< 0.2	11/5/93	418.1
Arsenic/GFAA	0.029	mg/L	0.001	< 0.001	11/1/93	206.2&7060
Arsenic/GFAA, filtered	< 0.001	mg/L	0.001	< 0.001	11/1/93	206.2&7060
Barium/ICP	0.41	mg/L	0.01	< 0.01	11/1/93	6010 & 200.7
Barium/ICP, filtered	0.24	mg/L	0.01	< 0.01	11/2/93	6010 & 200.7
Cadmium/ICP	0.015	mg/L	0.01	< 0.01	11/1/93	6010 & 200.7
Cadmium/ICP, filtered	0.013	mg/L	0.01	< 0.01	11/1/93	6010 & 200.7
Chromium/ICP	0.076	mg/L	0.05	< 0.05	11/1/93	6010 & 200.7
Chromium/ICP, filtered	< 0.05	mg/L	0.05	< 0.05	11/1/93	6010 & 200.7
Lead/GFAA	0.016	mg/L	0.001	< 0.001	11/1/93	239.2&7421
Lead/GFAA, filtered	0.0026	mg/L	0.001	< 0.001	11/1/93	239.2&7421
Mercury/CVAA	< 0.0002	mg/L	0.0002	<0.0002	11/1/93	245.1&7470
Mercury/CVAA, filtered	< 0.0002	mg/L	0.0002	<0.0002	11/1/93	245.1&7470
Selenium/GFAA	0.0071	mg/L	0.002	< 0.002	11/1/93	270.2&7740
Selenium/GFAA, filtered	0.0048	mg/L	0.002	< 0.002	11/1/93	270.2&7740
Silver/GFAA	< 0.002	mg/L	0.002	< 0.002	11/2/93	272.2&7761
Silver/GFAA, filtered	<0.002	mg/L	0.002	<0.002	11/2/93	272.2&7761

^{1.} Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.



4221 Freidrich Lane, Suite 190, Austin. Texas 78744-1044 [] (512) 444-5896 FAX: (512) 447-4766

Client: Terra Dynamics, Inc.

9171 Loop 360 N, 100 Travis Bldg.

Austin.

TX 78759

Attn: Michael Edgar

795-8183

Project Description: Austin Toyota

Sample Name: MW-4

Date/Time Taken: 10/27/93

2:00:00

Matrix:

Water

Page 1

Date/Time Received: 10/27/93 2:50:00

Report of Analysis

see attached

Respectfully submitted,

Report #: 43155

Report Date: 11/9/93

Hopkins Haden

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Report of Analysis

Project Desc:

Austin Toyota

Report #: 43155

Page 2

Sample Name: MW-4

Report Date: 11/9/93

					Date	
<u>Parameter</u>	Result	<u>Units</u>	MDL/POL(1)	<u>Blank</u>	<u>Analyzed</u>	Test Method
Petroleum hydrocarbons	<0.2	mg/L	0.2	< 0.2	11/5/93	418.1
Arsenic/GFAA	0.12	mg/L	0.001	< 0.001	11/1/93	206.2&7060
Arsenic/GFAA, filtered	0.0045	mg/L	0.001	< 0.001	11/1/93	206.2&7060
Barium/ICP	2.2	mg/L	0.01	< 0.01	11/1/93	6010 & 200.7
Barium/ICP, filtered	0.22	mg/L	0.01	< 0.01	11/2/93	6010 & 200.7
Cadmium/ICP	0.044	mg/L	0.01	< 0.01	11/1/93	6010 & 200.7
Cadmium/ICP, filtered	0.014	mg/L	0.01	< 0.01	11/1/93	6010 & 200.7
Chromium/ICP	0.4	mg/L	0.05	<0.05	11/1/93	6010 & 200.7
Chromium/ICP, filtered	< 0.05	mg/L	0.05	<0.05	11/1/93	6010 & 200.7
Lead/GFAA	0.17	mg/L	0.001	< 0.001	11/1/93	239.2&7421
Lead/GFAA, filtered	< 0.001	mg/L	0.001	< 0.001	11/1/93	239.2&7421
Mercury/CVAA	< 0.0002	mg/L	0.0002	<0.0002	11/1/93	245.1&7470
Mercury/CVAA, filtered	< 0.0002	mg/L	0.0002	<0.0002	11/1/93	245.1&7470
Selenium/GFAA	0.0032	mg/L	0.002	< 0.002	11/1/93	270.2&7740
Selenium/GFAA, filtered	< 0.002	mg/L	0.002	<0.002	11/1/93	270.2&7740
Silver/GFAA	< 0.002	mg/L	0.002	<0.002	11/2/93	272.2&7761
Silver/GFAA, filtered	< 0.002	mg/L	0.002	<0.002	11/2/93	272.2&7761

^{1.} Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Quatiffy asserance

9171 Loop 360 N, 100 Travis Bldg. TX 78759 Austin,

Attn: Michael Edgar

795-8183

Project Description: Austin Toyota

Sample Name: MW-1

Matrix:

Water

43152

Date/Time Taken: 10/27/93

1:20:00

Date/Time Received: 10/27/93

Report #:

2:50:00

Q.A. Data Report 1

Parameter	Precision ²	Recovery 3
Petroleum hydrocarbons	8	89.1
Arsenic/GFAA	2	122.1
Arsenic/GFAA, filtered	2	122.1
Barium/ICP	0.2	98.3
Barium/ICP, filtered	1, 1	105.1
Cadmium/ICP	0.8	86.2
Cadmium/ICP, filtered	0.8	86.2
Chromium/ICP	0.2	86.5
Chromium/ICP, filtered	0.2	86.5
Lead/GFAA	10.4	19.5
Lead/GFAA, filtered	10.4	19.5
Mercury/CVAA	0.6	125.6
Mercury/CVAA, filtered	0.6	125.6
Selenium/GFAA	9.6	68
Selenium/GFAA, filtered	9.6	68
Silver/GFAA	1.2	74.7
Silver/GFAA, filtered	1.2	74.7

Surrogate Recoveries

Surrogate Compound

Method

Recovery 3

- 1. QA data reported is for the lot analyzed which included this sample.
- 2. Precision is the absolute value of the percent difference between duplicate measurements.
- 3. Recovery is the percent of analyte recovered from spiked samples.

9171 Loop 360 N, 100 Travis Bldg.

Austin,

TX 78759

11:40:00

Attn: Michael Edgar

795-8183

Project Description: Austin Toyota

Sample Name: MW-2

Date/Time Received: 10/27/93

Water

43153

Date/Time Taken: 10/27/93

2:50:00

Report #:

Matrix:

Q.A. Data Report 1

Parameter	Precision ²	Recovery 3
Petroleum hydrocarbons	8	89.1
Arsenic/GFAA	2	122.1
Arsenic/GFAA, filtered	2	122.1
Barium/ICP	0.2	98.3
Barium/ICP, filtered	1.1	105.1
Cadmium/ICP	0.8	86.2
Cadmium/ICP, filtered	0.8	86.2
Chromium/ICP	0.2	86.5
Chromium/ICP, filtered	0.2	86.5
Lead/GFAA	10.4	19.5
Lead/GFAA, filtered	10.4	19.5
Mercury/CVAA	0.6	125.6
Mercury/CVAA, filtered	0.6	125.6
Selenium/GFAA	9.6	68
Selenium/GFAA, filtered	9.6	68
Silver/GFAA	1.2	74.7
Silver/GFAA, filtered	1.3	62.1

Surrogate Recoveries

Recovery 3 Surrogate Compound Method

- 1. QA data reported is for the lot analyzed which included this sample.
- 2. Precision is the absolute value of the percent difference between duplicate measurements.
- 3. Recovery is the percent of analyte recovered from spiked samples.

9171 Loop 360 N, 100 Travis Bldg.

Austin,

TX 78759

Attn: Michael Edgar

795-8183

Project Description: Austin Toyota

Sample Name: MW-3

Date/Time Taken: 10/27/93

11:05:00

Date/Time Received: 10/27/93

Matrix:

Report #:

Water 2:50:00

43154

Q.A. Data Report 1

Parameter	Precision 2	Recovery 3
Petroleum hydrocarbons	8	89.1
Arsenic/GFAA	2	122.1
Arsenic/GFAA, filtered	2	122.1
Barium/ICP	0.2	98.3
Barium/ICP, filtered	1.1	105.1
Cadmium/ICP	0.8	86.2
Cadmium/ICP, filtered	0.8	86.2
Chromium/ICP	0.2	86.5
Chromium/ICP, filtered	0.2	86.5
Lead/GFAA	10.4	19.5
Lead/GFAA, filtered	10.4	19.5
Mercury/CVAA	0.6	125.6
Mercury/CVAA, filtered	0.6	125.6
Selenium/GFAA	9.6	68
Selenium/GFAA, filtered	9.6	68
Silver/GFAA	1.3	62.1
Silver/GFAA, filtered	1.3	62.1

Surrogate Recoveries

Surrogate Compound Method Recovery 3

^{1.} QA data reported is for the lot analyzed which included this sample.

^{2.} Precision is the absolute value of the percent difference between duplicate measurements.

^{3.} Recovery is the percent of analyte recovered from spiked samples.

9171 Loop 360 N, 100 Travis Bldg. Austin, TX 78759

Atm: Michael Edgar

795-8183

Project Description: Austin Toyota

Sample Name: MW-4

Date/Time Taken: 10/27/93

Date/Time Received: 10/27/93

Matrix: Water

Report #:

93 2:50:00

43155

Q.A. Data Report 1

2:00:00

Parameter	Precision ²	Recovery 3
Petroleum hydrocarbons	8	89.1
Arsenic/GFAA	2	122.1
Arsenic/GFAA, filtered	2	122.1
Barium/ICP	0.2	98.3
Barium/ICP, filtered	1.1	105.1
Cadmium/ICP	0.8	86.2
Cadmium/ICP, filtered	0.8	86.2
Chromium/ICP	0.2	86.5
Chromium/ICP, filtered	0.2	86.5
Lead/GFAA	10.4	19.5
Lead/GFAA, filtered	10.4	19.5
Mercury/CVAA	0.6	125.6
Mercury/CVAA, filtered	0.6	125.6
Selenium/GFAA	9.6	68
Selenium/GFAA, filtered	9.6	68
Silver/GFAA	1.3	62.1
Silver/GFAA, filtered	1.3	62.1

Surrogate Recoveries

Surrogate Compound Method Recovery 3

- 1. QA data reported is for the lot analyzed which included this sample.
- 2. Precision is the absolute value of the percent difference between duplicate measurements.
- 3. Recovery is the percent of analyte recovered from spiked samples.

HAIN-CCUSTOD	Y										•				7,	., -, .,,	s, I nc.	
end Reports To: Company Name Terra Dyn	16mi(S		Bill t Comp	pany	Nam	с						422	1 Fre	/ /L idrich	Lane	, Suite 190, A	⊃, 	4
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Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	Z					0)6 (Co	mments	
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APPENDIX B

FIELD ACTIVITY LOG

AND

WATER LEVEL FIELD SHEET

Date: 27 OF3
Page: / of /
DAILY ACTIVITY LOG
CLIENT: TMA Assoc JOB NUMBER:
SUMMARY OF DAILY ACTIVITIES:
0730 pik : muterials Barrels Lab Supplies Etc.
0130 - Arrive Site mot Sit representative Seem Kelly, Project Coologist
0940 - Comp Mw 1234 Rail for Well Development
1843 - Bogin Bailin MW-3 , parge ~4gole
1105 Sampl: Mui3
trittells Begin Buding MW. 2 page and gals
1140 Sample min-Z
12W Break Lunch w. 1300
1500 Bogin Boding Miles page ~ 4 gals
1320 Single MW 1
1330 Barring Mw. 4 pore 4 gals
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1450 delivered samples to Analy
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water running off the first capitalt and controunding
the well. 10
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PHONE CALLS:
VISITORS ON SITE:
THE ATTICLE AND ADDRESS OF THE ATTICLE AND ADDRE
WEATHER:
SIGNATURE: M. Fdc 2702793

Terra Dynamics Incorporated 9171 Capital of Texas Highway Austin, Texas 78759 (800) 377-3354

Water Level Field Data Sheet

Austin Toyota Site

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	Well	Date	Time	Inside		(B) (A) TD			Casing Stick-Up	(A - B) Casing	3((A - B) C) ⁴ 3 Casing	General
3	ID#			Dis. (inch)	(fl. BTOC)	(ft. BGL)	(ft. BTOC)		(ft. AGL)	Vol. (ft.)	Vol. (gal.)	Comments
	Mwi	270043		2in	18.હ્ય		24.30		Hush	5.46	0,89 x3	= 2.679cl1
	MWZ.	274493		Zin	18.77		24.28			5.51	0.473	= 2.70 scl,
	Mw 3	270243		2.2	14.35	:	21.33			6.48	1.1473	= 3.42 scls
	MW4	270193	•	2.2	16.62	i. Ve	24.46		i	7.84	1.2813	= 3,84 gels.
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• Volumetric conversion (C) from feet to gallons:

Note:

2-inch well: (feet of water) x (0.1632)
4-inch well: (feet of water) x (0.6528)
6-inch well: (feet of water) x (1.4688)

APPENDIX C US EPA PROCEDURES FOR GROUNDWATER SAMPLING

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4.9 GROUND WATER SAMPLING

4.9.1 General

Ground-water sampling may be required for a variety of reasons, such as examining potable or industrial water supplies, checking for and/or tracking contaminant plume movement in the vicinity of a land disposal or spill site, RCRA compliance monitoring, or examining a site where historical information is minimal or non-existent but where it is thought ground water contamination could have occurred.

Ground water is usually sampled through an in-place well, either temporarily or permanently installed. However, it can also be sampled anywhere ground water is present, as in a pit or a dug or drilled hole.

Occasionally, a well will not be in the ideal location to obtain the sample needed (for example, to track a contaminant plume). In that case, a well will have to be installed, and it may be either a temporary or permanently installed well. An experienced and knowledgeable person will need to locate the well and supervise its installation so that the samples ultimately collected will be representative of the ground water.

The procedures covered in this section are those used by the Branch. Additional guidance is given in the "RCRA Ground Water Monitoring Technical Enforcement Guidance Document" (TEGD) (13); the ground water sampling procedures used by Branch personnel will meet or exceed the requirements of this document.

4.9.2 <u>Site Selection</u>

The relationship of the following factors to potential pollution sources shall be considered and evaluated when selecting ground-water sampling sites:

- the direction of ground-water flow, depth to ground water, thickness of the aquifer (if applicable);
- type of stratigraphy;
- presence of perched water tables;
- types of soils;
- depth to bedrock;
- type of vegetation;
- surface drainage patterns;
- type of topography;
- general land use;

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and surface features such as rock outcrops, seeps, springs, streams, rivers, and wet areas (14).

The area of interest should be located on an aerial photograph, a USGS 7.5 minute quadrangle map, a USDA soils map, and/or any other appropriate map that shows topography and general relationships between surface features. Aerial photographs can usually be obtained at the local Agricultural Stabilization Conservation Service (ASCS) office or the local county tax office. USGS 7.5 minute quadrangle maps can be acquired from the State Geological Survey or from the USGS, and soils maps from the USDA-SCS (Soil Conservation Service). A visual inspection of the area may be sufficient to evaluate and determine the surface conditions and their relationship to the subsurface conditions (14). In some cases, surface conditions and subsurface conditions cannot be correlated by site inspection or reconnaissance. When this occurs, a more detailed study, possibly involving test drilling, will have to be conducted.

It is extremely important to sample the unconfined or surficial aquifer downgradient of potential pollution sources or spills to determine if it (the most easily contaminated aquifer) has been affected. Generally the direction of ground-water flow can be estimated by two vectors - one in the direction of surface water flow (i.e., downstream) and another toward the nearest surface water stream or river, if present. The relative magnitude of these vectors will vary according to site conditions and in some instances both direction and magnitude may be changed by construction activities. If both a shallow and a deep aquifer are involved in the zone of interest, a screening study will reveal whether or not the deep aquifer should be sampled and a more detailed study is required. To adequately assess subsurface conditions, a minimum of three wells is required; one in the upgradient portion of the area of interest, one in the middle portion, and one in the downgradient portion. In some cases, a more complex system of wells may be needed to define the subsurface conditions, especially in establishing the depth to the shallow ground-water aquifer and the direction of ground-water movement. Site conditions and the scope of the project will determine the total number of wells required. Existing wells should be used when possible. Where permanent well installation is necessary, the wells should be installed according to the procedures in Appendix E.

4.9.3 Purging Equipment and Techniques

4.9.3.1 General -- Wells shall be purged before taking samples in order to clear the well of stagnant water which is not representative of aquifer conditions. The method of purging is to pump the well until three to five times the volume of standing water in the well has been removed and until the specific conductance, temperature, and pH of the ground water stabilizes. Normally, a combination of the two methods is employed (i.e., specific conductance, temperature, and pH are measured at intervals and three to five volumes are purged). If a well is pumped dry, this constitutes an adequate purge and the well can be sampled following recovery (15, 17). However, if possible, monitoring wells should not be pumped dry. If the well is pumped dry, water that has been trapped in the sandpack may be sampled. In addition, as water re-enters the well it may cascade down the well screen and strip volatile contaminants.

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4.9.3.2 Equipment Available -- Monitoring well purging is accomplished by using in-place plumbing/pumps or when in-place pumps are not available, by using EPA equipment; either a peristaltic, turbine, bladder, centrifugal, or other appropriate pump, depending on well depth. A Teflon®, closed top bailer may be used for purging; however, bailing may stir up sediment in the well if conducted improperly.

Other monitoring equipment used during purging includes water level indicators, pH meters, thermometers, and conductivity bridges (See Section 6, Field Analytical Procedures).

4.9.3.3 Purging Techniques (Wells Without Plumbing or In Place Pumps)

- 4.9.3.3.1 <u>General</u> -- For permanently installed wells, the depth of water shall be determined (if possible) before purging. This can be accomplished by attaching a weight on the end of a tape and lowering it into the well until it touches the water, or by use of a mechanical or electrical water level indicator (see Ground-Water Level Measurement Techniques, Section 7.7). Branch personnel shall exercise extreme caution during this procedure to prevent contamination of the ground water. This is a critical concern when samples for trace organic compounds or metals analyses are collected.
- 4.9.3.3.2 <u>Using Pumps to Purge</u> -- When suction lift or centrifugal pumps are used, only the intake line is placed into the water column. To minimize contamination, the line placed into the water is either standard cleaned (see Appendix B) Teflon®, in the case of the suction lift pumps, or standard cleaned stainless steel pipe attached to a hose, when centrifugal pumps are used.

When submersible pumps (bladder, turbine, displacement, etc.) are used, the pump itself is lowered into the water column. The pump must be cleaned as specified in Appendix B.

- 4.9.3.3.3 <u>Using Bailers to Purge</u> -- Standard cleaned (Appendix B) closed-top Teflon® bailers with Teflon® leaders and new nylon rope are lowered into top of the water column, allowed to fill, and removed and then the water is discarded.
- 4.9.3.3.4 Field Care of Purging Equipment -- Regardless of which method is used for purging, new plastic sheeting shall be placed on the ground surface around the well casing to prevent contamination of the pumps, hoses, ropes, etc., in the event they need to be placed on the ground during the purging or they accidentally come into contact with the ground surface. It is preferable that hoses used in purging that come into contact with the ground water be kept on a spool, both during transporting and during field use, to further minimize contamination from the transporting vehicle or ground surface.
- 4.9.3.3.5 <u>Purging Entire Water Column</u> -- The pump/hose assembly or bailer used in purging should be lowered into the top of the standing water column and not deep into the column. This is done so that the purging will "pull" water from the formation into the screened area of the well and up through the casing so that the entire static volume can be removed. If the pump is placed deep into

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the water column, the water above the pump may not be removed, and the subsequent samples collected may not be representative of the ground water.

To minimize cross contamination between wells, no more than three to five feet of hose should be lowered into the water column. If the recovery rate of the well is faster than the pump rate, the pump may be left hanging at the initial level until an adequate volume has been purged. If the pump rate exceeds the recovery rate of the well, the pump will have to be lowered, as needed, to accommodate the drawdown.

After the pump is removed from the well, all wetted portions of the hose and the pump shall be cleaned as outlined in Appendix B.

Careful consideration shall be given to using pumps to purge wells which are excessively contaminated with oily compounds, because it may be difficult to adequately decontaminate severely contaminated pumps under field conditions. When these type wells are encountered, alternative purging methods, such as bailers, should be considered.

4.9.3.4 Purging Techniques - Wells With In Place Plumbing

4.9.3.4.1 General -- In-place plumbing is found at water treatment plants, industrial water supply wells, private residences, etc. The objective of purging is the same as with monitoring wells without in place pumps, i.e., to ultimately collect a sample representative of the ground water.

The volume to be purged depends on several factors: whether the pumps are running continuously or intermittently; how close to the source the sample can be collected; and the presence of any storage/pressure tanks between the sampling point and the pump. If storage/pressure tanks are present, an adequate volume must be purged to totally exchange the volume of water in the tank.

- 4.9.3.4.2 <u>Continuously Running Pumps</u> -- If the pump runs continuously, and the sample can be collected prior to a storage/pressure tank, no purge, other than opening a valve and allowing it to flush for a few minutes, is necessary.
- 4.9.5.4.3 <u>Intermittently Running Pumps</u> -- If the pump runs intermittently, it is necessary to determine the volume to be purged, including storage/pressure tanks that are located prior to the sampling location. The pump should then be run continuously until the required volume has been purged.

4.9.4 Sampling Equipment and Techniques

4.9.4.1 Equipment Available -- Sampling equipment used by the Branch includes closed-top Teflon® bailers and the peristaltic pump/vacuum jug assembly.

Other monitoring equipment used during sampling includes water level indicators, pH meters, thermometers, and conductivity bridges (see Sections 6 and 7).

4.9.4.2 <u>Sampling Techniques -- Wells With In Place Plumbing</u> -- Samples should be collected following purging from a valve or cold water tap as near to

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the well as possible. Samples should be collected directly into the appropriate containers (see Standard Sample Containers, Appendix A). Also, refer to the Potable Water Supply discussion in Section 4.10.

4.9.4.3 <u>Sampling Techniques -- Wells Without Plumbing</u> -- Following purging, samples should be collected using a peristaltic pump/vacuum jug procedure, if possible, or with a closed top Teflon® bailer. The pump used for purging generally should not be used for sampling. When the peristaltic pump is used, samples for purgeable organic compounds analyses should be collected using a bailer or by allowing the Teflon® tube to fill and then allowing the water to drain into the sample vials. All equipment shall be cleaned using the procedures described in Appendix B. Also, refer to the Potable Water Supply discussion, Section 4.10, for additional information.

When bailing, new plastic sheeting should be placed on the ground around each well to provide a clean working area. The nylon rope should be attached to the bailer via a Teflon® coated stainless steel wire. This coated wire is attached to the bailer semi-permanently and is decontaminated for reuse as the bailer is cleaned.

4.9.5 Special Sample Collection Procedures

- 4.9.5.1 Trace Organic Compounds and Metals -- Special sample handling procedures shall be instituted when trace contaminant samples are being col-All sampling equipment, including pumps, bailers, water level measurement equipment, etc., which come into contact with the water in the well must be cleaned in accordance with the cleaning procedures described in Appendix Pumps shall not be used for sampling, unless the interior and exterior portions of the pump and discharge hoses can be thoroughly cleaned. should be collected to determine the adequacy of cleaning prior to collection of any sample using a pump. Peristaltic pumps using Teflon® tubing and a Teflon® insert can be used to collect samples without the sample coming into contact with the pump. This is accomplished by placing the Teflon® insert into the opening of a standard cleaned 4-liter glass container. The Teflon® tubing connects the container to the pump and sample source. The pump creates a vacuum in the container, thereby drawing the sample into the container without coming into contact with the pump tubing. Samples for purgeable organic compounds analyses shall be collected with well bailers. The procedures given in the General Considerations, Special Precautions for Trace Contaminant Sampling (Section 4.2.9) shall be followed.
- 4.9.5.2 <u>Filtering</u> -- As a standard Branch policy, ground-water samples will not be filtered. However, if samples are filtered, then both filtered and non-filtered samples will be submitted for analyses. Proper well installation and development (Appendix E) as well as proper well purging techniques should be utilized to minimize the turbidity of samples. If filtered samples for metals analyses must be collected, an additional unfiltered sample will also be collected for metals analyses. Samples for organic compounds analyses shall not be filtered.

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4.9.5.3 <u>Bacterial Sampling</u> -- Whenever wells (normally potable wells) are sampled for bacteriological parameters, care must be taken to ensure the sterility of all sampling equipment and all other equipment entering the well. Further information regarding bacteriological sampling is available in <u>Sampling for Organic Chemicals and Microorganisms in the Subsurface</u> (19) as well as References 4 and 5. Additional information on bacterial sampling is also included in Section 4.10 (Potable Water Supplies), Section 4.7 (Wastewater Sampling), and Section 4.8 (Surface Water Sampling).

4.9.6 Specific Sampling Equipment Quality Assurance Techniques

All equipment used to collect ground-water samples shall be cleaned as outlined in Appendix B and repaired, if necessary, before being stored at the conclusion of field studies. Cleaning procedures conducted in the field (Appendix B), or field repairs shall be thoroughly documented in field records.

4.9.7 Auxiliary Data Collection

Water table measurements from the top of the well casings (referenced to National Geodetic Vertical Datum) in permanent wells, and ground surface elevations in temporary wells should be made to determine the general direction of ground-water flow and gradient. The methodology to be used to determine well water levels are given in Section 7. Tracer dyes and radioactive and thermal detection methods can be used to determine direction and velocities of flow (14). Also, a study of the general topography and drainage patterns will generally indicate direction of ground-water flow.

Water table measurements shall not be taken until the water table has stabilized, preferably 24 hours after well installation for permanent wells (20). The ground surface elevation at the wells should be determined by standard engineering survey practices as outlined in Section 7.

In addition to water level measurements, the pumping rate used to purge a well, the volume of water in wells, and drillers' logs are examples of auxiliary data that should be collected during ground-water sampling activities. This information should be documented in field records. Methodology for obtaining these data are given in the following sections.

Temperature, specific conductance, and pH shall be measured each time a well is sampled. Stabilization of these parameters is measured during the purging process to evaluate the adequacy of the purging procedure. In this situation, the final measurements for these parameters prior to sampling shall be considered the measurement of record for the well. If these parameters were not evaluated during purging, they shall be obtained prior to sampling. Methodology for obtaining these data are given in Section 6.

4.9.7.1 Well Pumping Rate - Bucket/Stop Watch Method -- The pumping rate of a pump can be determined by collecting the flow of water from the pump in a bucket of known volume and timing how long it takes to fill the bucket. The pumping rate should be in gallons per minute. This method shall be used only with pumps with a constant pump rate, such as gasoline powered or electric

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submersible pumps. It should not be used with battery powered pumps. As the batteries lose their charge, the pump rate decreases so that pumping rate calculations using initial, high pump rates are erroneously high.

4.9.7.2 <u>Volume of Water in Wells</u> -- In order to purge wells, the volume of water in the well should be known. To determine the volume, the following method should be used; measure the distance from the bottom of the well to the static water level, then measure the inside diameter of the well or casing. Obtain the volume of the well by the formula:

 $V = 0.041 d^2h$

Where h - depth of water in feet d - diameter of well in inches V - volume of water in gallons

If preferred, a quick reference nomograph or table may be used.

Additional ground-water related data can be obtained from most local, state, and federal agencies dealing with water resources. Some states require well drillers to be licensed, and all work performed on wells must be reported to the state on prescribed forms. These forms are available to the public, so a study of wells installed in the area of interest may provide background information as to the subsurface conditions. State geological surveys, as well as the USGS, have various types of water related papers and reports on all phases of ground-water studies in each state. City and county governments usually have departments that deal with water related projects that may provide data for the local area. Federal agencies such as the SCS, U.S. Army Corps of Engineers, the Bureau of Reclamation, U. S. Forest Service, Science and Education Administration, and the U. S. Public Health Service have water programs which may provide data. Other sources include the Bureau of Mines, colleges, universities, and technical societies such as American Association of Petroleum Geologists, American Institute of Mining and Metallurgical Engineers, American Water Well Association, Association of Engineering Geologists, and Geological Society of America (14, 21).

APPENDIX D SITE SAFETY PLAN

SITE SAFETY PLAN MONITORING WELL RESAMPLING APPLE (AUSTIN) TOYOTA SITE

PREPARED FOR

THE KUCERA COMPANY
7200 MOPAC FREEWAY
SUITE 450
AUSTIN, TEXAS 78731

OCTOBER 15-31, 1993

IMA

J. McNUTT & ASSOCIATES, INC.

1250 Sterling Plaza 5949 Sherry Lane Dallas, Texas 75225

AUSTIN TOYOTA, INC. JMA SITE SAFETY PLAN

I. GENERAL INFORMATION

CLIENT:

The Kucera Co.

JOB NO.: 1313-01-CG

PROJECT MANAGER: Jim McNutt/Mick Edgar

SITE: former Apple Toyota site

SITE LOCATION:

5th Street & West Avenue, Austin, Texas

PURPOSE:

Redevelopment and Sampling of Four (4) Monitoring Wells

DATE OF VISIT(S):

October 21 - November 11, 1993

BACKGROUND INFORMATION: Complete:

X Preliminary:

INFORMATION AVAILABLE FROM:

Jim McNutt/Dallas

OVERALL HAZARD SUMMARY:

Serious

Moderate:

Low: X

Unknown:

II. SITE/WASTE CHARACTERISTICS

FACILITY DESCRIPTION:

Status (active or inactive, present or past use(s)): **INACTIVE**

Features and unusual features (water supply, telephone, power lines sewer lines, etc.): <u>NA</u>

History (previous agency actions, complaints from public, etc.): NA

WASTE TYPE(S):

Liquid: <u>Used oil (may contain solvents)</u>

Solid: potential heavy metals

Sludge:

Gas:

CHARACTERISTIC(S):

Corrosive:

Ignitable: X

Volatile: X

Toxic: X

Reactive:

Unknown:

HAZARD EVALUATION:

Overall Hazard Level: Overall hazard level for the planned site activities is low. Actual hazard will depend on weather conditions; i.e., still conditions and high temperatures will increase the potential hazards at the site.

Chemical Hazards: Specific to items to be investigated

III. SITE SAFETY WORK PLAN

PERIMETER ESTABLISHMENT:

Map/Sketch attached:

YES

Perimeter identified:

YES

Zone(s) of contamination identified:

NO

SITE PERSONNEL

Level of Protection: A: B: C: X D: X

Modifications: For all contact work the following safety gear must be worn:

- * Tyvek or cotton outer garments if cotton outer garments are worn, they must be washed separately from normal household laundry prior to re-wearing. If cotton is selected, the use of coveralls is preferred.
- * Neoprene or leather steel toe/shank boots (if leather boots are worn, disposable booties should be worn as an overboot).
- * Hard hat with safety goggles or glasses with side shields.
- * Neoprene, nitrile, or polyvinyl alcohol outer gloves over surgical gloves.

For survey and observation the following must be worn:

- Cotton field clothes.
- * If working in an area of suspected contamination, steel toe/shank work boots and booties or neoprene boots must be worn. The boots must be decontaminated prior to leaving the site.

Equipment and materials (MUST be immediately available to team members):

- * First Aid Kit
- * Eye Wash Kit
- * a,b,c 2-lb Fire Extinguisher
- * Wind Direction Indicator
- Monitoring Equipment Specified Below

Monitoring Equipment and Procedures:

OVM with 10.0 eV lamp. Take background readings in the area you do not suspect to be contaminated. Let instrument run continuously, or set on standby mode. Take readings in the breathing zone upon initiating site work. Log readings at least every 1/2 hour in the breathing zone. The OVM should be consulted more frequently than every 1/2 hour if

there is a question regarding appropriate action levels. For an up-grade to be warranted, readings in the breathing zone must persist for a period of time, i.e., 5 to 10 minutes. This is a judgment call. Spikes on the OVM above the action level do not call for an up-grade.

ACTION LEVELS:

If readings are 0 to <25 ppm above background in the breathing zone, continue to Level D. Readings from >25 to 100 ppm above background, in the breathing zone, require Level C (or leaving the site). Readings over 100 ppm in the breathing zone require upgrade to Level B.

PLEASE NOTE, THIS PLAN IS NOT APPROVED FOR LEVEL B WORK.

Explosimeter / O, meter:

A lead filter should be acquired for the instrument. Lead in gasoline will poison the O₂ sensor, rendering the instrument useless. Readings should be taken at least every 15 minutes at the excavation or hole opening. Purge the instrument in clean air after each reading.

ACTION LEVELS:

- * <20 Percent LEL, continue
- * 20 percent LEL but <50 percent LEL, proceed with caution
- * >50 percent LEL, shut down operations and evacuate immediately notify the owner and call the fire department.

TEAM MEMBERS:

NAME

RESPONSIBILITY

Jim McNutt

Project Manager

Robert Kier

Project Geologist

SITE ENTRY PROCEDURES:

Locate emergency telephone numbers and route to hospital prior to starting any work. Notify site personnel of your presence at the site and your field plans. If there is only one JMA employee on-site, the site manager must receive a copy of the emergency numbers in case of an accident (i.e., police, fire, etc.). Prior to work on-site, you must conduct a safety briefing with any sub-contractors. This shall include informing them of the hazards associated with site work, and the chemicals anticipated.

WORK LIMITATIONS: DAYLIGHT HOURS ONLY

- * No eating, drinking, or SMOKING within 50 feet of the work area.
- No contact lenses to be worn on-site.
- * No facial hair that would interfere with respirator fit.

- Level C is not to be used without two fully trained staff on-site. If monitoring results indicate that an up-grade is required, you must leave the site until conditions change or request an additional person, and not initiate work until that person arrives.
- * At-stress breaks to be taken at regular intervals of 2 hours, or more frequently, if necessary.
- No spark sources within 50 feet of the work area.

DECONTAMINATION PROCEDURES:

For sampling or sub-surface disturbance activities for personnel: Wash boots and outer gloves in cleaning solution and water, rinse, remove outer gloves. Remove and bag coveralls. If cotton coveralls are used, bag in garbage bags and wash prior to re-wearing. Remove respirator, if worn. Remove surgical gloves and dispose in a plastic trash bag. Wash hands and face. Sanitize respirator nightly, if used. Take a shower and wash hair as soon as possible after leaving the site.

Equipment Needed: Buckets, tub, cleaning solution, brushes, garbage bags, hand soap and paper towels.

For Sampling Equipment: Wash in cleaning solution and water, rinse in water several times.

For Sampling: Wash hands after removal of booties, if worn.

PLEASE NOTE:

It is the responsibility of the site safety coordinator to make sure all pieces of equipment coming off-site are properly decontaminated according to the procedures outlined above. Documentation of decontamination must be made in the field log notebook that will then become part of the permanent project file. The equipment number must be written in the field log notebook when the equipment comes off-site and is decontaminated with a denotation that proper procedures have been followed.

DISPOSAL PROCEDURES:

Contaminated liquids and soils (i.e., evacuated well water and/or drill cuttings) - All material should be contained on-site for later disposal or handling, in accordance with acceptable procedures.

Health and safety disposable items (i.e., Tyvek, gloves, booties, etc.) - All disposable items should be placed in a plastic bag and placed in the dumpster on-site.

IV. EMERGENCY INFORMATION:

LOCAL

Note: The local Area Code is: 512

Plant Security: None at this site

Ambulance: #911

Hospital:

Brackenridge Hospital

601 East 15th Street Dallas, Texas

(512) 476-6461

Poison Control Center:

At Brackenridge Hospital

Police/Sheriff:

#911

Fire:

#911

Electric Company:

City of Austin

Gas Company:

Southern Union Gas

Water Company:

City of Austin

Emergency Response Group:

#911 Fire (local)

State Emergency Response Commission (SERC):

TNRCC, Austin, (512) 463-7727

EMERGENCY ESCAPE ROUTES

Off-site: To be added by PM at site.

Hospital:

drive east on 5th St to Red River, north to 14th Street, Emergency

Room is on south side of hospital

EMERGENCY CONTACTS

1. JMA Health & Safety Coordinator:

Name:

Robert S. Kier

Phone:

(512) 343-7133 (O)

(512) 250-5501 (H)

2. Occupational Physician:

Name:

Weldon Smith, M.D.

Phone:

(214) 823-6710

Address:

3600 Gaston Avenue

Dallas, TX 75246

3. Project Manager:

Name:

Jim McNutt

Phone:

(713) 930-1210 (O)

(713) 476-4843 (H)

4. Client Contact:

Name:

Mr. Joel Sher

Phone:

(512) 346-0025

Address:

7200 N. Mopal, Suite 450

Austin, TX 78731

V. PLAN APPROVAL

Plan Prepared By:

Jim McNutt

Date:

07/19/91

Updated: 10/21/93

Approved By:

David W. Sickler

Date:

10/21/93

4150 Friedrich Lane P.O. Box 17366 Austin, Texas 78760 Phone: (512) 447-9081 Fax: (512) 443-3442

November 16, 1993

Mr. Joel Sher The Kucera Company 7200 North Mopac, Suite 450 Austin, Texas 78731

Telephone 346-0025 Telefax 346-0195

Re: Summary of Additional Water Sampling and Analysis, 805 West Fifth Street, Former Austin Toyota Facility, Austin, texas

Dear Joel:

As you are aware, SWL Environmental Services (SWL) was retained by Nickolaus Hensel, Trustee (Hensel) to conduct a limited subsurface investigation at 805 West Fifth Street in Austin, Texas. The objectives were to evaluate the potential for chemical impact to site shallow soils and groundwater from past operations at the site. The investigation was conducted in general accordance with SWL's proposed workplan dated August 10, 1993.

The subsurface investigation consisted of the installation and sampling of four groundwater monitoring wells. Soil and groundwater samples were collected for laboratory chemical analysis from the wells. The samples were analyzed for general contaminant indicator parameters for evidence of possible chemical releases from past operations at the site. The results of the limited subsurface investigation indicated that the soil under the former drum storage area had been impacted by total petroleum hydrocarbons (TPH), and groundwater from the monitoring wells contained elevated levels of TPH, lead, and chromium. The results of this investigation are summarized in SWL's letter dated September 20, 1993.

In an attempt to validate the analytical results of the initial water sampling, a second set of groundwater samples was collected and analyzed from the four monitoring wells. The second set of samples was collected for laboratory analysis of the eight Resource Conservation and Recovery Act (RCRA) total (unfiltered) and dissolved (filtered) metals, and TPH. A representative of J. McNutt and Associates, Incorporated performed the groundwater sampling activities, with split samples being retained by SWL for Quality Control purposes. The analysis

ESN1993\KUCERA\93268\111593LE.JH

Mr. Joel Sher November 16, 1993 Page 2

performed by SWL indicated TPH and the eight RCRA dissolved and total metals were below the method detection limits, with the exception of the sample from monitoring well MW-4. The sample from MW-4 contained concentrations of total barium of 0.26 milligrams per liter (mg/l) and total mercury of 0.0009 mg/l. Laboratory data sheets are attached.

These concentrations are only slightly above the method detection limits for barium and mercury (0.22 mg/l and 0.0008 mg/l, respectively) and are below the Environmental Protection Agency primary drinking water standards maximum contaminant levels. The analytical results of the second sampling event by SWL, and similar analytical results reported for the samples analyzed by J. McNutt and Associates, Incorporated indicate that the concentrations of TPH, lead, and chromium present in the initial samples was not present in the additional samples collected and analyzed. Based on the fact that the second set of groundwater samples, as well as the duplicate groundwater samples indicate non-detect lead, chromium, and TPH, groundwater beneath the site does not appear to be impacted as originally suspected and therefore no further action regarding groundwater quality should be required.

As we discussed over the telephone on Wednesday, the TPH concentration in the soils under the drum storage area do require further evaluation regarding horizontal and vertical extent, and removal. A letter addressing this issue will be forwarded to you shortly.

We appreciate the opportunity to be of service to you on this project. Please contact me at (512) 447-9081 with any questions which may arise.

Sincerely,

SWL ENVIRONMENTAL SERVICES

Jim Howden Project Manager

JH/mjj Attachments



SOUTHWESTERN LABORATORIES

222 CAVALCADE * P.O. BOX 8768, HOUSTON, TEXAS 77249 * 713 692-9151

Client SOUTHWESTERN LABORATORIES

P.D. BOX 17366

AUSTIN, TEXAS 78760

Attn: KYLE COCKERHAM

Project 505893-268/KUCERA CO.

Sample Type L10UID SAMPLES

Transported by DELIVERY SERVICE

P.O. # Date Received 10/28/93

LOCATION: AUSTIN TOYOTA

<u>Lab No.</u> 93-10-382-01 93-10-382-02 93-10-382-03 93-10-382-04 Sample Identification

MM-3

MW-2

MW-1

MW-4

SOLITHWESTERN LABORATORIES

Client No. 505893_268

Report No. 93-10-382

Report Date 11/03/93 15:01

HECTOR CORONADO

Reviewed By

Order # 93-10-382

11/03/93 15:01

TEST RESULTS BY SAMPLE

Client: SOUTHWESTERN LABORATORIES

Sample: 01A MJ-3

Collected: 10/27/93 11:05

				Detectio	n Date	
Test Name	Method	Result	<u>Units</u>	<u>Limit</u>	Started	Analyst
TOT. PET. HYDROCARBONS H20	EPA 418.1	<1.00	mg/L	1.00	11/03/93	DA

Sample: 018 MN-3 (UNFILTERED) Collected: 10/27/93 11:05

				Detection	n Date	
Test Name	Method	Result	<u>Units</u>	<u>Limit</u>	Started	Analyst
ARSENIC	EPA 206.2	<0.01	ing/L	0.01	11/03/93	JP
BAR1UM	EPA 200.7	<0.22	mg/L	0.22	11/02/93	GLM
CADMIUM	EPA 200.7	<0.01	mg/L	0.01	11/02/93	GLM
CHROMIUM	EPA 200.7	<0.05	mg/L	0.05	11/02/93	GLM
LEAD	EPA 239.1	<0.10	mg/L	0.10	11/02/93	JP
MERCURY	EPA 245.1	<0.0008	mg/L	0.0008	11/01/93	JA
SELENIUM	EPA 270.2	<0.01	mg/L	0.01	11/03/93	JP
SILVER	EPA 272.1	<0.05	mg/L	0.05	11/02/93	JP .

Sample: 01C MN-3 (FILTERED) Collected: 10/27/93 11:05

			<u>Detection</u> <u>Date</u>				
<u>Test Name</u>	Method	<u>Result</u>	<u>Units</u>	<u>Limit</u>	Started	Analyst	
DISSOLVED ARSENIC	EPA 206.2	<0.01	mg/L	0.01	11/03/93	JP	
DISSOLVED BARILM	EPA 200.7	<0.22	mg/L	0.22	11/02/93	GLM	
DISSOLVED CADMIUM	EPA 200.7	<0.01	mg/L	0.01	11/02/93	GLM	
DISSOLVED CHROMIUM	EPA 200.7	<0.05	mg/L	0.05	11/02/93	GLM	
DISSOLVED LEAD	EPA 239.1	<0.10	mg/L	0.10	11/02/93	JP	
DISSOLVED MERCURY	EPA 245.1	<0.0008	mg/L	0.0008	11/01/93	JA	
DISSOLVED SELENIUM	EPA 270.2	<0.01	mg/L	0.01	11/03/93	JÞ.	
DISSOLVED SILVER	EPA 272.2	<0.05	mg/L	0.05	11/02/93	JP	

Sample: DZA MW-2 Collected: 10/27/93 11:40

			<u>Detection</u> <u>Date</u>
Test Name	<u>Method</u>	Result Units	Limit Started Analyst
TOT. PET. HYDROCARBONS H20	EPA 418.1	<1.00 mg/L	1.00 11/03/93 DA

NOV 03 '93 16:16 SOUTHWESTERN LABORATORIES - HOU

Page 3

Order # 93-10-382

11/03/93 15:01

TEST RESULTS BY SAMPLE

Client: SOUTHWESTERN LABORATORIES

Sample: 02B MM-2 (UNFILTERED)

Collected: 10/27/93:11:40

				Detection	n Date	
Test Name	<u>Method</u>	Result	<u>Units</u>	<u>Limit</u>	Started	<u>Analyst</u>
ARSENIC	EPA 206.2	· <0.01	mg/L	0.01	11/03/93	JP
BARIUM	EPA 200.7	<0.22	mg/L	0.22	11/02/93	GLM
CADMIUM	EPA 200.7	<0.01	mg/L	0.01	11/02/93	GLM
CHROMIUM	EPA 200.7	<0.05	mg/L	0.05	11/02/93	GLM '
LEAD	EPA 239.1	<0.10	ing/L	0.10	11/02/93	JP
MERCURY	EPA 245.1	≪0.0008	mg/L	0.0008	11/01/93	JA:
SELENIUM	EPA 270.2	<0.01	mg/L	0.01	11/03/93	JP
SILYER	EPA 272.1	<0.05	mg/L	0.05	11/02/93	JP

Sample: 02C MW-2 (FILTERED)

Collected: 10/27/93 11:40

	•						Ď	<u>Detection</u> Date			
<u>Test Name</u>	:	Ŀ	leth	<u>०व</u>	Result	<u>Units</u>		<u>Limit</u>	Sterted	<u>Anelyst</u>	
DISSOLVED	ARSENIC	EP/	20	6.2	<0.01	mg/L		0.01	11/03/93	JP .	
DISSOLVED	BARIUM	EPA	20	0.7	<0.22	mg/L		0.22	11/02/93	GLM	
DISSOLVED	CADMIUM	EP#	201	0.7	<0.01	mg/L		0.01	11/02/93	GLM	
DISSOLVED	CHRONIUM	EPA	200	0.7	<0.05	ang/L		8.05	11/02/93	GLM	
DISSOLVED	LEAD	EPA	239	9.1	<0.10	mg/L		0.10	11/02/93	JP	
DISSOLVED	MERCURY	EPA	24:	5.1	<0.0008	mg/L		0.0008	11/01/93	JA	
DISSOLVED	SELENIUM	EPA	270	0.2	<0.01	mg/L		0.01	11/03/93	JP	
DISSOLVED	SILVER	EPA	272	2 .2	<0.05	mg/L		0.05	11/02/93	JP	

Sample: 03A MV-1

Collected: 10/27/93 13:20

			Detectio	n Date	
Test Name	<u>Method</u>	Result Units	<u>Limit</u>	Started	Analyst
TOT. PET. HYDROCARBONS H20	EPA 418.1	<1.00 mg/L	1.00	11/03/93	DA

Page 4

Order # 93-10-382

11/03/93 15:01

TEST RESULTS BY SAMPLE

Client: SOUTHWESTERN LABORATORIES

Sample: 038 MW-1 (UNFILTERED)

Collected: 10/27/93 13:20

				<u>Detection</u> <u>Date</u>			
Test Name	Method	Resul t	<u>Units</u>	<u>Lîmīt</u>	Started	<u>Analyst</u>	
ARSENIC	EPA 206.2	<0.01	mg/L	0.01	11/03/93	JP	
BARIUM	EPA 200.7	<0.22	mg/L	0.22	11/02/93	GLM	
CADMIUM	EPA 200.7	<0.01	mg/L	0.01	11/02/93	GLM	
CHROMIUM	EPA 200.7	<0.05	mg/L	0.05	11/02/93	GLM	
LEAD	EPA 239.1	<0.10	mg/L	0.10	11/02/93	JP	
MERCURY	EPA 245.1	8000.0>	mg/L	0.0008	11/01/93	JA	
SELENTUM	EPA 270.2	<0.01	mg/L	0.01	11/03/93	JP	
SILVER	EPA 272.1	<0.05	mg/L	0.05	11/02/93	JP	

Sample: 03C MW-1 (FILTERED)

Collected: 10/27/93 13:20

·				Detection Date			
Test Name	Method	<u>Result</u>	Units	<u>Limit</u>	Started	<u>Analyst</u>	
DISSOLVED ARSENIC	EPA 206.2	<0.01	mg/L	0.01	11/03/93	JP	
DISSOLVED BARIUM	EPA 200.7	<0.22	mg/1,	0.22	11/02/93	GLM	
DISSOLVED CADMIUM	EPA 200.7	<0.01	mg/L	0.01	11/02/93	GLM	
DISSOLVED CHROMILM	EPA 200.7	<0.05	mg/L	0.05	11/02/93	GLM	
DISSOLVED LEAD	EPA 239.1	<0.10	mg/L	0.10	11/02/93	JP	
DISSOLVED MERCURY	EPA 245.1	<0.0008	mg/1,	0.0008	11/01/93	JA	
DISSOLVED SELENIUM	EPA 270.2	<0.01	mg/L	0.01	11/03/93	JP .	
DISSOLVED SILVER	EPA 272.2	<0.05	mg/L	0.05	11/02/93	4F	

Sample: 04A MV-4

Collected: 10/27/93 14:00

			Detection Date
<u>Jest Name</u>	<u>Method</u>	Result Units	<u>Limit Started Analyst</u>
TOT. PET. HYDROCARBONS H20	EPA 418.1	<1.00 mg/L	1.00 11/03/93 DA

Page 5

Order # 93-10-382

11/03/93 15:01

TEST RESULTS BY SAMPLE

Client: SOUTHWESTERN LABORATORIES

Sample: 04B MV-4 (UNFILTERED)

Collected: 10/27/93 14:00

				Detection	n Date	
Test Name	Method	<u>Result</u>	<u>Units</u>	<u>Limit</u>	Started	Analyst
ARSENIC	EPA 206.2	<0.01	mg/L	0.01	11/03/93	JP 1.
BARIUM	EPA 200.7	0.26	mg/L	0.22	11/02/93	GLM
CADMIUM	EPA 200.7	<0.01	mg/L	0_01	11/02/93	GLM
CHRONIUM	EPA 200.7	<0.05	mg/L	0.05	11/02/93	GLH
LEAD	EPA 239.1	<0.10	mg/L	0.10	11/02/93	JP
MERCURY	EPA 245.1	0.0009	mg/L	0.0008	11/01/93	JA
SELENIUM	EPA 270.2	<0.01	mg/L	0.01	11/03/93	JP .
SILVER	EPA 272.1	<0.05	mg/L	0.05	11/02/93	JP

Sample: 04C MW-4 (FILTERED)

Collected: 10/27/93 14:00

				Detect	<u>ion Date</u>	
Test Name	<u>M</u> .	ethod Re	sult Un	its Limi	t Started	Analyst
DISSOLVED ARS	ENIC EPA	206.2 <	0.01 mg	/L 0.0	1 11/03/93	JP
DISSOLVED BAR	IUH EPA	200.7	0.22 mg	/L 0.2	2 11/02/93	GLM
DISSOLVED CAD	MTUM EPA	200.7 <	0.01 mg,	/L 0.0	1 11/02/93	GLM
DISSOLVED CHR	ONIUM EPA	200.7	0.05 mg/	/L 0.0	5 11/02/93	GLN
DISSOLVED LEA	D EPA	239.1 <	0.10 mg	/L 0.1	11/02/93	JP
DISSOLVED MER	CURY EPA	245.1 <0.	0008 mg	/L 0.000	11/01/93	JA i, i
DISSOLVED SEL	ENIUM EPA	270.2 <	0.01 mg/	/L 0.0	1 11/03/93	JP
DISSOLVED SIL	YER EPA	272.2	0.05 mg/	/L 0.0	11/02/93	JP
				•		



4150 Freidrich Lane P.O. Box 17366 Austin, Texas 78760 Phone: (512) 447-9081 Fax: (512) 443-3442

December 13, 1993

Mr. Joel Sher The Kucera Company 7200 North Mopac, Suite 450 Austin, Texas 78731

Telephone: 346-0025 Telefax: 346-0195

Re: Invoice for Additional Groundwater Sampling and Drum Removal, 805 West Fifth Street,

Former Austin Toyota Facility, Austin, Texas

Dear Joel,

Please find attached SWL Environmental Services (SWL) Invoice No. 2440380, dated November 30, 1993, which totals \$1,881. The charges included on the invoice are for costs incurred during the additional sampling of the four monitoring wells and for spreading of the drummed soils and groundwater onsite.

As you are aware, the results of the limited subsurface investigation, performed in August 1993, indicated that soil under the concrete slab in the former aboveground storage tank and drum storage area have been impacted by total petroleum hydrocarbons (TPH). The soil sample collected and analyzed from a depth of 1.5 feet below ground level contained a TPH concentration of 490 milligrams per kilogram.

SWL has recommended that the soils be excavated and disposed offsite pursuant to Texas Natural Resource Conservation Commission and Texas Department of Health guidelines. This would include plugging the monitoring well, removing and disposing the concrete slab, and excavating and disposing the impacted soils. The cost estimated to complete this task is approximately \$9,000 to \$9,750. This cost assumes approximately 55 cubic yards of impacted soil excavated to a maximum depth of three feet below ground level and disposal at a Class II facility. A detailed workplan and cost estimate can be prepared upon your approval to proceed with the work.

1993\KUCERA\93268\121093LE.JH

Mr. Joel Sher December 10, 1993 Page 2

SWL appreciates the opportunity to be of service to you on this project. Please call if you have any questions.

Sincerely,

SWL ENVIRONMENTAL SERVICES

Jim Howden
Project Manager

JDH/mjj

John Hall, Chairman
Pam Reed, Commissioner
Peggy Garner, Commissioner
Anthony Grigsby, Executive Director



TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

Protecting Texas by Reducing and Preventing Pollution
March 24, 1994

Mr. Larry Voight
One Detroit Center
500 Woodward
Detroit, Michigan 48226-3204

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Re: Capital Gas Light Company Site 805 West Fifth Street, Austin, Travis County, Texas Preliminary Site Project No. 750400 (EPA ID No. TXD987991247) Notification to Perform Preliminary Assessment or Screening Site Inspection

Dear Mr. Voight:

This letter is to inform you that a United States Environmental Protection Agency (EPA) (Preliminary Assessment (PA) or Screening Site Inspection (SSI)) has been scheduled for the above referenced facility sometime in the next few weeks. Our records indicate that you are the owner or operator, or a representative of the owner or operator of the site. We wish to inform you that the Texas Natural Resource Conservation Commission (TNRCC) is a duly authorized Employees of TNRCC may, upon representative of the U.S. EPA. presentation of a Letter of Introduction, enter any facility where hazardous materials are generated, stored, treated, disposed, or transported to determine compliance with standards and regulations pursuant to the Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) as amended, 42 U.S.C. 9601 et Diane Poteet, a member of the TNRCC Preliminary Assessment/Site Inspection Program will contact you to arrange an (PA or SSI) date.

Specifically, this (PA or SSI) is to determine if there is a "release or substantial threat of release into the environment of any pollutant or contaminant which may present an imminent and substantial danger to the public health or welfare" as described in Section 104 of CERCLA. Authority to conduct this SSI is contained in Section 104(e) of CERCLA, Section 308 of the Clean Water Act, Section 361.182 of the Texas Solid Waste Disposal Act, and Sections 26.014 and 26.015 of the Texas Water Code.

A (PA or SSI) may include reviewing records, taking photographs, and collecting samples. If samples are collected, the owner, operator, or agent in charge of the facility may request a receipt describing the sample collected, and a portion of each sample equal in volume or weight to the portion retained before the representative leaves the facility. Please indicate in the space provided on the enclosed Consent for Access to Property whether or not you would like a portion of each sample.

Mr. Larry Voight Page 2

For the PA, the TNRCC is currently gathering site historical information, and requests Comerica, Inc. provide the TNRCC with copies of any site assessment/investigation reports related to the site. Please submit a written response to this request for information to the TNRCC within 10 (ten) days of receipt of this correspondence.

Additionally, representatives of TNRCC are authorized to collect information that is considered confidential. Any such information must be specified as confidential at the time of the (PA or SSI) so that appropriate protective measures may be taken.

A copy of the final SSI Report and any analytical data developed as a result of the SSI may be obtained by writing to Ed Sierra, Chief, Superfund Site Assessment Section (6H-MA), EPA Region 6, 1445 Ross Avenue, Suite 1200, Dallas, Texas 75202-2733.

In future inquiries, please indicate your site's EPA I.D. Number and name as listed, to ensure prompt processing, If you have any questions concerning this matter, please contact Diane Poteet at 512/239-2502 or myself at 512/239-2519.

Sincerely,

Wesley G. Newberry, Unit Manager

Superfund Site Discovery & Assessment Team

Emergency Response and Assessment Section

Pollution Cleanup Division

us Siling

WGN/DP/SAM/ok

Enclosure

CONSENT FOR ACCESS TO PROPERTY

Name of Owner: Comerica, Inc.

EPA ID#: CERCLIS No. TXD 978991247 Site Name: Capital Gas Light Company

Description of Property: 805 West Fifth Street, Austin, Travis County, Texas

I hereby consent to officers, employees, and representatives authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- Reviewing and copying documents related to the site;
- 2. The taking of such soil, water and air samples as may be determined to be necessary;
- 3. The sampling of any solids or liquids stored or disposed of on property;
- 4. The drilling of holes and the installation of monitoring wells for subsurface investigation of subsurface contamination.

I realize that these actions are undertaken pursuant to EPA's response and enforcement responsibilities under the Comprehensive Environmental Responsibility, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. 9601 et seq., as well as 40 CFR Part 300.400 Subpart E.

I am the property owner, or a responsible agent of the property owner, and I warrant that I have the authority to enter into this access agreement.

Place a check mark in the appropriate space. Please note that if no selection is made EPA will assume that you do not wish to be provided with a portion of the sample.

() Please provide me with a portion of each sample taken at the property described above
understand that there will be no charge for the sample portions provided by the EPA. I als
understand that I must furnish suitable containers, be responsible for the laboratory analytic
analysis, and sign for the transfer of custody from the EPA designated sampler.

() I do not wish to receive a portion of samples taken at the property described above.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind.

	=======================================
DATE	SIGNATURE, Title

John Hall, Chairman
Pam Reed, Commissioner
Peggy Garner, Commissioner
Anthony Grigsby, Executive Director



TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

Protecting Texas by Reducing and Preventing Pollution

March 24, 1994

Ms. Shannon Breslin Texas Parks and Wildlife Department Texas Natural Heritage Program 3000 South IH 35, Suite 100 Austin, Texas 78704

Re: Capital Gas Light Company, Austin, Travis County, Texas Endangered/Threatened Species

Dear Ms. Breslin:

The Texas Natural Resource Conservation Commission (TNRCC) is currently evaluating for the United States Environmental Protection Agency (EPA) the above referenced site in Texas to determine if it is a candidate for listing in the National Priorities List under the Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) as amended, 42 U.S.C. 9601 et seq.

A <u>Preliminary Assessment Report or Screening Site Inspection Report</u> is being prepared for this site which must contain information on any habitats known to be used by Federal and/or State designated endangered or threatened species. The site is located at Latitude 30° 16′ 08" N and Longitude 97° 45′ 05" W on the <u>West Austin</u> topographic quadrangle. Please provide a list of rare species occurrences within a 4 mile radius and 15 miles downstream from this site.

Your assistance is greatly appreciated. Should you have any questions please contact me at 512/239-2502.

Sincerely,

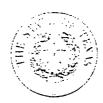
Dine of Potas

Diane Poteet, Site Assessment Manager Superfund Site Discovery and Assessment Team Emergency Response and Assessment Section Pollution Cleanup Division

WGN\DP\ok =



John Hall, Chairman Pam Reed, Commissioner Peggy Garner, Commissioner Anthony Grigsby, Executive Director



Texas Natural Resource Conservation Commission

Protecting Texas by Reducing and Preventing Pollution March 24, 1994

Ms. Denise Cheney, Assistant City Attorney City of Austin Law Department Post Office Box 1088 Austin, Texas 78767-8828

Open Records Request

Dear Ms. Cheney:

I am with the Texas Natural Resource Conservation Commission (TNRCC) Superfund Preliminary Assessment/Site Inspection Program (PA/SSI), and I am assessing a site called the "Capital Gas Light Company". This site is located at 805 West Fifth Street, Austin, Texas, and may be known to you as the "Apple Toyota Dealership" currently owned by Comerica, Incorporated. I was informed by Martin Welling of the Real Estate Services Division of the Public Works and Transportation Department, that approximately 9 documents referring to this site exists. Under the Open Records Act, I request copies of these and any other site assessment/environmental documentation pertaining to this site which the City of Austin may possess.

If you have any questions, please contact me at 512/239-2502.

Sincerely,

Diane Poteet, Site Assessment Manager Superfund Site Discovery & Assessment Team Emergency Response and Assessment Section

Pollution Cleanup Division

Vine R. Potes

DP/WGN/ok

cc: Martin Welling, City of Austin

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION TELEPHONE MEMO TO THE FILE

Please complete with typewriter or black pen.

call to: R. SLADE, USGS Call from: Diane Potelt
Date of call: 4-5-94 File no.: Capital 6AS Cight Co.
Phone no.: (512) 873 - 3000 Subject: Edwards Aguirfer in
Austin, TX
Information for file: 1 Heads in River Are Lower than heads in
Edwards Aguifer. No recharge from Piver to AquiFer
(apposite possible); @ Bad water Line (BWL) probably
very close to site. On southside of River BWL is
near Laman; 3 Alluvium may discharge into
River during Floods / come out OF Storage; (4) Flow
in Edwards is toward the River and Eastward
toward bWL; & Suggested a coport by
Gurner brem - TWDB - Mg or Springs of Texas;
@ Also suggested Looking at water Well (data in)
Engineers Report (Pudeson to TWDB) for Travis
County - Wells for Edwards which aren't in recent
County - Wells for Edwards which aren't in recent reports, may exist fair downtown Austin; and Tit is believed that the Edwards south of
@ It is believed that the Edwards south of
The river doesn't cross over into the worth
side; @ Barton Spring has never gone dried.
·
Signed Alme Defect

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION CONFERENCE & TELEPHONE MEMO TO THE FILE

Please complete with typewriter or black pen. METWITH: Call from: DIANE Poteet JEFF BLASS, Well Head PROT. TNRCC Date of call/meeting: 4-13-94 Subject: Well head protection Phone no.: (5/2) 463-0292 Information for file: <u>Jeff Blass Gave me 5 Well head protection</u> Numbers and a map showing the Location of the 2270203, 2270015, 2270108A&B, AND

TNRCC-0225 (Rev. 09-01-93)

Approx Center of Ste Approx. Site Boundaries AMTRAL MUDGEN ST SE STERS Butler Park West and Golf Course PEAR 15 Colorado NUECES NUECES 12 , F. C **1** 20 (2) HIS TORY E NITEUR NITEUR STEPHEN : AUSTIN UNIVERSITY :65 188 S. ğ OLD LAND OFFICE BUILDING IMUSEUMS STATE MY. BLIPG 167 K 100 PARTIN Burn plans #401550 V HAHEN MALLER . 13 45° KING SQA18 AT THE SABINE Sec. 2 O 100 Places of Interest
American Statesman E-3
Amirak Station D-1
Auditorium Shore D-2 Community College (Rio Grande Campus) . Austin State Capitol
State Education
Building
State Hwy Buildings
State Hwy Buildings
State Insurance
Building
Stephen F Austin
State Building
Supreme Court
Building
Travis Court
Count House
Teast Employment
Count House
Teast State
Teast State
Teast State
Teast State
Teast State
Teast W. Buildings
F W. Buildings ONE INCH EQUALS APPROX. 920 MILES AUSTIN One-way streets Ī

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A 10

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION TELEPHONE MEMO TO THE FILE

Please complete with typewriter or black pen.

Call to: Kurt Wagner, Water Vt.); ties Date of call: 4-13-94 Phone no.: (512) 239-6043	Call from: DIANE Poteet File no.: Capital GAS Light Co. PA Subject: Public Supply Wells.
Information for file: Well Head protection no by Jeff BLASS AND He Said Utilities for Company Nam Negard Wells. Mr. Wagner Sur Gulanus 2	umbers were supplied
by Jeff BLASS AND He said	to contact water
Utilities for Company Nan	re end other information
regard wells. Mr. Wagner su	pplied me with the
Allowing?	
	Church, Rick Bell
· · · · · · · · · · · · · · · · · · ·	400 people served
	Westview It. Venture
	0-880-1993. 25 people served
2270015 Ridgewood Village	
	2-441-5236 240 people served
2270108A&B Dellana Water (b) (6)	; ; ;
75 people ser	wed
2270109 6 & J Water Sys	Eco Resources
	Afe 512-327-0144
68 people serve	
Sig	ned Dine a Patest

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION TELEPHONE MEMO TO THE FILE

Please complete with typewriter or black pen.

Call to: NORMAN Rice, TX Dept. H. Date of call: 5-11-94 Phone no.: (512) 719-0200	Call from: DIANE Poteet File no.: CApital Gas Light Co. Subject: Fish Advisories	ON
	TOWNLAKE, Austin, TX	
Information for file: There has been		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ON TOWNLAKE FOR CHIORODA)
FOR A Few years. TX Dept		1 7
in 1985. The Fish Advi		
information were faxed as	NO ARE attached.	<u> </u>
<u> </u>		· · · · · · · · · · · · · · · · · · ·
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<u> </u>		
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Sig	gned Digne 9 Paters	

FAX TRANSMITTAL

DATE:_	5-11-94	
то:	Diane Potest	
FAX #	239-2527	

13:38

FROM: Texas Department of Health Division of Shellfish Sanitation Control 1100 W. 49th Street Austin, Texas 78568 PH# (512) 719-0200

FAX # (512) 719-0220

Page Document-including cover sheet

TOWN LAKE TNL 3-3 BARTON CREEK 02/26/85 CARP 18"
PESTICIDES(ppm) CHLORDANE DDD DDT DDE
0.05 0.012 0.012 0.089
PCB(ppm) None Detected

TOWN LAKE TNL 3-4 BARTON CREEK 02/26/85 CARP 17*
PRIORITY POLLUTANTS (ppm) None Detected

TOWN LAKE THE 3-5 BARTON CREEK 02/26/85 SHAD 17*
PESTICIDES (ppm) DDD DDT DDE CHLORDANE 0.021 0.031 0.12 0.175

PCB(ppm) None Detected

TOWN LAKE TNL 3-6 BARTON CREEK 02/26/85 SHAD 16"

HEAVY METALS(ppm) As Hg Cd Pb Cu 2n

<0.2 0.05 <0.3 <1.6 1 4.4

TOWN LAKE TNL 3-7 BARTON CREEK 02/26/65 BLACK BASS COMP 4-10*
PESTICIDES (ppm) CHLORDANE DDE
0.023 0.042
PCD (ppm) None Detected

TOWN LAKE THE 3-8 BARTON CREEK 02/26/85 BLACK BASS COMP 12", 13"

HEAVY METALS (ppm) As Hg Cd Pb Cu Zn

<0.2 0.19 <0.4 <1.5 <0.6 5.6

TOWN LAKE THE 3-9 BARTON CREEK 02/26/85 BLACK BASS COMP 5-9* PRIORITY POLLUTANTS (ppm) None Detected

TOWN LAKE TNL 3-10 BARTON CREEK 02/26/85 RIO GRANDE PERCH COMP 5-7"
PESTICIDES (ppm) DDE
0.018
PCB (ppm) None Detected

TOWM LAKE TNL 3-11 BARTON CREEK 02/26/85 RIO GRANDE PERCH COMP 3-8", 2-9"
HEAVY METALS(ppm) As Hg Cd Pb Cu Zn

<0.3 0.11 <0.3 <1.7 <0.7 4.1

TOWN LAKE TNL 3-12 BARTON CREEK 02/26/83 WARMOUTH SUNFISH COMP 8", 7", 3-6"
PESTICIDES(ppm) None Detected
PCB(ppm) None Detected

TOWN LAKE THE 3-13 BARTON CREEK 02/26/65 RED BARED SUNFISH COMP 5", 9", 2-6"
PESTICIDES (ppm) DDE
0.010
PCB (ppm) None Detected

TOWN LAKE THE 3-14 BARTON CREEK 02/26/85 YELLOW BELLY SUMFISH COMP 8*

PESTICIDES(ppm) DDE

0.042

PCB(ppm) None Detected

TOWN LAKE THL 3-15 BARTON CREEK 02/26/85 BLACK BASS COMP 5-8"
PESTICIPES(ppm) DDE
0.022
PCB(ppm) None Detected

TOWN LAKE TNL 4-1 RED BUD ISLAND 02/26/85 SHAD 16*
PESTICIDES(ppm) DDD DDT DDE CHLORDANE
0.023 0.030 0.37 0.334
PCB(ppm)

0.10

TOWN LAKE TNL 4-2 RED BUD ISLAND 02/26/85 SHAD 15"

HEAVY METALS(ppm) As Mg Cd Pb Cu Zn

<0.2 0.03 <0.4 <1.5 0.5 3.7

02/26/85 BLACK BASS 16" TNL 4-3 RED BUD ISLAND TOWN LAKE PESTICIDES(ppm) CHLORDANE DDT DDE 0.046 0.014 0.059

None Detected PCB (ppm)

TNL 4-4 RED BUD ISLAND 02/26/85 BLACK BASS 16" TOWN LAKE HEAVY METALS (ppm) As Hg Cd Pb Cu Z12

<0.2 0.14 <0.4 <1.6 0.6

TNL 4-5 RED BUD ISLAND 02/26/85 BLACK BASS COMP 2-14" TOWN LAKE PESTICIDES (ppm) DDE

0.028

PCB(ppm) None Detected

TNL 4-6 RED BUD ISLAND 02/25/85 BLACK BASS COMP 11", 12", 2-7" PRIORITY POLLUTANTS (ppm) None Detected TOWN LAKE

02/26/85 YELLOW BELLY SUNFISH COMP 7", 10", 3-8" TOWN LAKE TNL 4-7 RED BUD ISLAND PESTICIDES (ppm) CHLORDANE DDD DDT DDE 0.133 0.028 0.025 0.173

PCB (ppm) 0.052

THE 4-8 RED BUD ISLAND 02/26/85 LONG EARED SUNFISH COMP 2-7", 6" TOWN LAKE PESTICIDES (ppm) DDE

0.025

PCB(ppm) None Detected

TOWN LAKE TNL 4-9 RED BUD ISLAND 02/26/85 WARMOUTH COMP 2-8", 6"

PESTICIDES(ppm) None Detected
PCB(ppm) None Detected

TOWN LAKE 04/04/85 STRIPED BASS 18" TNL 1-1

CHLORDANE DIELDRIN PESTICIDES (ppb) DDE DDD DDT 450 79 240 520 21

PCB (ppb)

185

04/04/85 REDEAR SUNFISH COMP 10", 11" TOWN LAKE TNL 1-2

PESTICIDES (ppb) DDE

27

PCB(ppb) None Detected

TOWN LAKE TNL 1-3 04/04/85 BHAD 15"

PESTICIDES (ppb) DDE DDD DDT CHLORDANE DIELDRIN 149 210 570 21 860

PCB (ppb)

350

04/04/85 STRIPED BASS 17* TOWN LAKE TNL 3-1

PESTICIDES (ppb) DDE DDD DDT CHLORDANE

160 25 22 200

PCB (ppb)

71

04/04/85 CARP 20" TOWN LAKE TNL 3-2

DIELDRIN PESTICIDES (ppb) DDE DDD DDT CHLORDANE 310 8 460 91 48

PCB (ppb)

110

TOWN LAKE TNL 3-3

TML 3-3 04/04/85 SHAD 17*
PESTICIDES (PPb) DDE DDT CHLORDANE

73 74 11

PCB (ppb)

71

FAX TRANSMITTAL

DATE:_	5-11-94		
TO:	Diane Potest		
FAX #_	239-2527		
		٠	

FROM: Texas Department of Health Division of Shellfish Sanitation Control 1100 W. 49th Street Austin, Texas 78568 PH# (512) 719-0200

FAX # (512) 719-0220

10 Page Document-including cover sheet

:

TNL 1-1 DAM 02/26/85 SHAD 15" TOWN LAKE PESTICIDES (ppm) CHLORDANE DDD DDT

DIELDRIN DDE 0.59 0.58 3.6 0.04

2.96

PCB (ppm) 0.59

TNL 1-2 DAM 02/26/85 SHAD 15" HEAVY METALS (ppm) As Hg Cd TOWN LAKE

Çđ $d\mathbf{q}$ Cta Zn

<0.2 0.04 <0.4 <1.6 0.6 3.9

02/26/85 CARP 22" TOWN LAKE TNL 1-3 DAM

PESTICIDES (ppm) CHLORDANE pp'DDD pp'DDT 1.43 0.20 1.90 bb, DDE DIELDRIN

0.57

PCB (ppm) 0.148

TOWN LAKE INL 1-4 DAM 02/26/85 CARP 18"

HEAVY METALS (ppm) As Hg Cd <0.2 0.02 <0.4 Pb Cu Zn

0.€ 6.5 <1.6

02/26/85 BLACK BASS 15" TOWN LAKE TNL 1-5 DAM

PESTICIDES (ppm) DDT DDE 0.015 0.065

PCB (ppm) None Detected

02/25/65 BLACK BASS 15" TOWN LAKE TNL 1-6 DAM

HEAVY METALS (ppm) As Hg Cd Pb Cu Zn <0.2 0.14 <0.4 <1.6 <0.7 6.3

02/26/85 BLACK BASS COMP 2-10" TOWN LAKE TNL 1-7 DAM

PESTICIDES (ppm) CHLORDANE pp'DDD pp'DDT pp'DDE 0.061 0.023 0.025 0.10

02/26/85 BLACK BASS COMP 11", 12" TOWN LAKE TNL 1-8 DAM

HEAVY METALS (ppm) As Hg Cd Pb Cu <0.2 0.11 <0.4 <1.6 0.6 Cu 211

5.2

02/26/85 BLACK BASS COMP 7", 10", 5-8" TOWN LAKE TNL 1-9 DAM

PRIORITY POLICITANTS (ppm)

TRACE 4-CHLORO-3-CRESOL cl ppm

NO CTHERS DETECTED

02/26/85 RED EARED SUNFISH COMP 2-6", 2-7" TOWN LAKE TNL 1-10 DAM

PESTICIDES (ppm) DDE

0.031 . PCB (ppm) None Detected

02/26/85 RED EARED SUNFISH COMP 5", 7", 8", 2-6" TOWN LAKE TNL 1-11 DAM

PRIOTIY POLLUTANTS (ppm) None Detected

02/26/85 YELLOW BELLY SUNFISH COMP 7", 8", 2-6", 2-5" TOWN LAKE

TNL 1-12 DAM CHLORDANE DDE PESTICIPES (ppm)

0.059 0.043

PCB (ppm) None Detected

TOWN LAKE

TNL 2-1 POWER PLANT 02/26/85 SHAD COMP 9", 12"
PESTICIDES (PPM) DDE DDD DDT CHLORDANE DIELDRIN

0,286 0.060 0.072 0.485

PCB (ppm)

0.113

TNL 2-2 POWER PLANT 02/26/85 SHAD COMP 9", 12" TOWN LAKE

Hg Cd Pb HEAVY METALS (ppm) As Cu

<0.3 0.04 <0.3 <1.7 0.6 3.8

TNL 2-3 POWER PLANT 02/26/05 SHAD 17"
PESTICIDES (ppm) CHLORDANE DDD DDT DDE DIELDRIN
0.91 0.34 0.37 1.1 0.024 TOWN LAKE PCB (ppm) None Detected TNL 2-4 POWER PLANT 02/26/85 SHAD 17**
HEAVY METALS(ppm) As Hg Cd Pb Cu <0.3 0.04 <0.3 <1.5 0.7 TOWN LAKE TOWN LAKE TNL 2-5 POWER PLANT 02/26/85 SHAD 16 PRIORITY POLLUTANTS (ppm) p,p'-DDE p,p'-DDD P,P'-DDT TRACE 2.4 TRACE TNL 2-6 POWER PLANT 02/26/85 CARP 17"
PESTICIDES (ppm) CHLORDANE DDD DDT DDE TOWN LAKE DIELDRIN 0.14 0.17 0.57 0,52 PCB (ppm) 0.15 TNL 2~7 POWER PLANT 02/26/85 CARP 28"
PESTICIDES (ppm) CHLORDANE DDT DDE DDD 0.21 0.012 0.147 0.043 TOWN LAKE DIELDRIN 0.014 PCB (ppm) None Detected TNL 2-8 POWER PLANT 02/26/85 CARP 18" TOWN LAKE As Hg Cd Pb Cu <0.2 0.05 <0.4 <1.5 0.7 HEAVY METALS (ppm) As Hg 4.6 TOWN LAKE THE 2-9 POWER PLANT 02/26/85 CARP 201/4" PRIORITY POLLUTANTS (ppm) None Detected TNL 2-10 POWER PLANT 02/26/85 WHITE BASS 8"
PESTICIDES (ppm) CHLORDANE DDD DDT DDS DIELDRIN
0.23 0.055 0.12 0.19 0.01 TOWN LAKE PCB (ppm) None Detected TNL 2-11 POMER PLANT 02/26/85 BLACK BABS COMP 12", 14"
PESTICIDES (ppm) CHLORDANE DDT DDE 0.056 0.022 0.074 TOWN LAKE None Datacted PCB (ppm) TNL 2-12 POWER PLANT 02/26/85 RIO GRANDE PERCE 7"
PESTICIDES(ppm) DDE DDD DDT CHLORDANE
0.11 0.03 0.045 0.088 TOWN LAKE PCB(ppm) None Detected TNL 2-13 POWER PLANT TOWN LAKE 02/26/85 RED BARED SUNFISH 8" PESTICIDES (ppm) DDE 0.018 PCB (ppm) None Dotoated TOWN LAKE TNL 2-14 POWER PLANT 02/26/85 YELLOW BELLY SUNFISH 8" PESTICIDES (ppm) DDE 0.018 PCB (ppm) None Detected THL 3-1 BARTON CREEK 02/26/85 CARP 18*
PESTICIDES (ppm) CHLORDANE DDD DDT DDE TOWN LAKE 0.110 0.084 0.440 0.259 PCB (ppm) 0.078

TOWN LAKE THE 3-2 BARTON CREEK 02/26/85 CARP 16"

HEAVY METALS (ppm) As Hg Cd Pb Cu Zn

<0.2 0.07 <0.4 <1.6 <0.7 4.5

05/11/94 13:29

TEXAS DEPT. HEALTH SHELLFISH

TOWN LAKE

04/15/85 CHANNEL CATFISH 17" TNL 3-1

PESTICIDES (PDb) DDE DDD DDT CHLORDANE 325 26 49 254

PCB (ppb)

TOWN LAKE

TNL 4-1 04/15/85 CHANNEL CATFISH 16"
PESTICIDES (PPD) DDE CULORDANE

68

58

PCB (ppb) 55



(512) 458-7405

Health Officials Advise Against Consuming Fish from Town Lake

The Texas Department of Health (TDH) today advised that any species of fish caught in Austin's Town Lake may be unsafe for consumption because of contamination with the banned pesticide, chlordane.

The TDH advisory reinforces a similar alert issued by local health officials three years ago. Although the earlier alert warned of contamination in some fish species, testing of fish from the lake since 1987 shows that unsafe concentrations of chlordane persist in nearly all species tested.

Chlordane, once commonly used for termite control, was banned in 1987 when the chemical was found to be a possible cancer-causing agent.

Richard Thompson, director of the TDH Shellfish Sanitation Control Division, said, "Although both the Austin and Travis County health authorities warned against eating fish caught in Town Lake, some people may still be tempted to eat what they catch."

Thompson said that chlordane is similar to DDT, another banned pesicide believed to cause cancer. "Like DDT, chlordane is not easily soluble in water. Therefore, we can expect to detect chlordane in the lake's sediments for years to come. We will continue testing and, of course, re-issue our warnings against cating the fish as long as it is necessary."

He added that the Austin Health and Human Services Department and Travis County Health Department, as well as other state agencies and groups, have cooperated to gather samples for testing.

-30-

(For more information, contact Richard Thompson, Director, Division of Shellfish Sanitation Control, at 512/458/7510, or Margaret Wilson, Public Information Coordinator, Public Health Promotion Division, at 512/458-7405.)

AUSTIN-TRAVIS COUNTY HEALTH DEPARTMENT PUBLIC INFORMATION OFFICE CONTACT PERSON: BRUCE TRUITT 469-2118

TO:

NEWS DIRECTORS

RE:

HEALTH ADVISORY -- HUMAN CONSUMPTION OF TOWN LAKE FISH

DATE:

JULY 10, 1987

FOR IMMEDIATE RELEASE

Today the Austin-Travis County Health Department reinforced a 1985 Health Advisory urging citizens to cease consumption of certain species of fish found in Austin's Town Lake. Health officials stress that this measure is precautionary and is prompted by the presence of the pesticide chlordane in fish fillets at levels exceeding US Food and Drug Administration guidelines.

The species in which chlordane is present at significant levels are carp, shad and stripped bass as was first recognized in a 1985 Health Department study. Recent studies indicate that chlordane may be a cancer-causing agent in animals. It is this development which prompts the reinforcement of the initial advisory.

The principal source of the chlordane accumulation in Town Lake is believed to be washout from around building foundations treated for termite control.

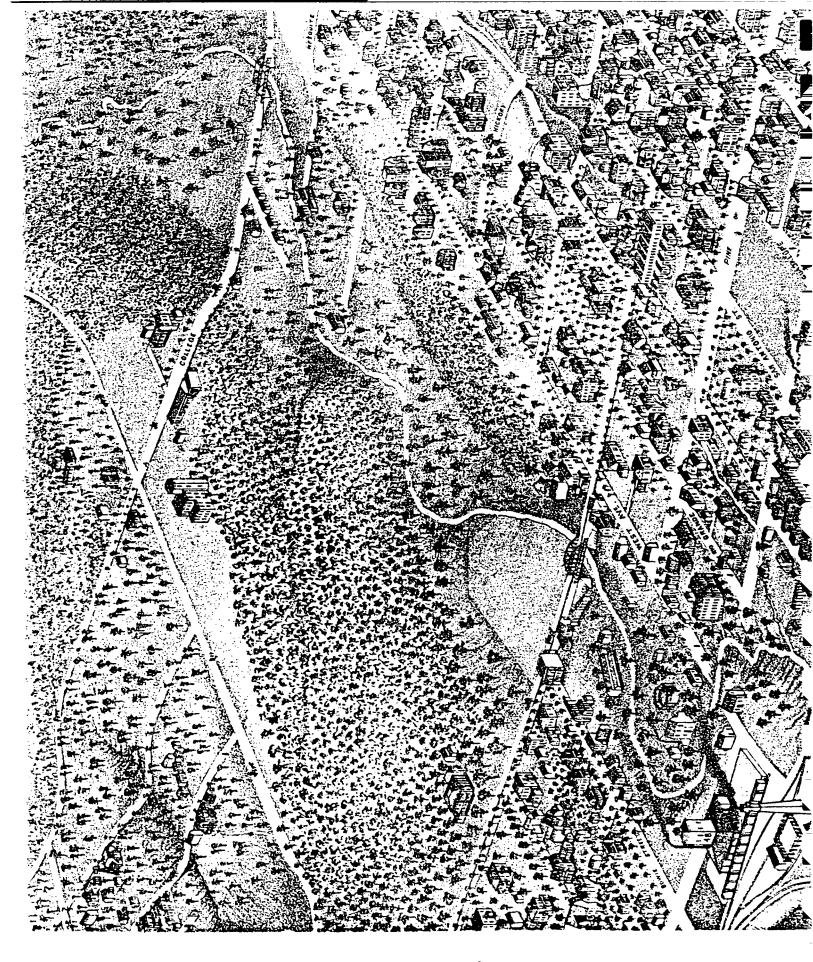
At present, there is no concern over acute toxicity since there are signs or symptoms associated with eating fish contaminated at the level of 2 parts per million. However, long term accumulation of chlordane in the body's fatty tissues can occur in persons who regularly consume these fish over extended periods of time.

Until chlordane's role as a carcinogen is further clarified pending analyses of additional fish from Town Lake are complete, the Austin-Travis County Realth Department strongly recommends that:

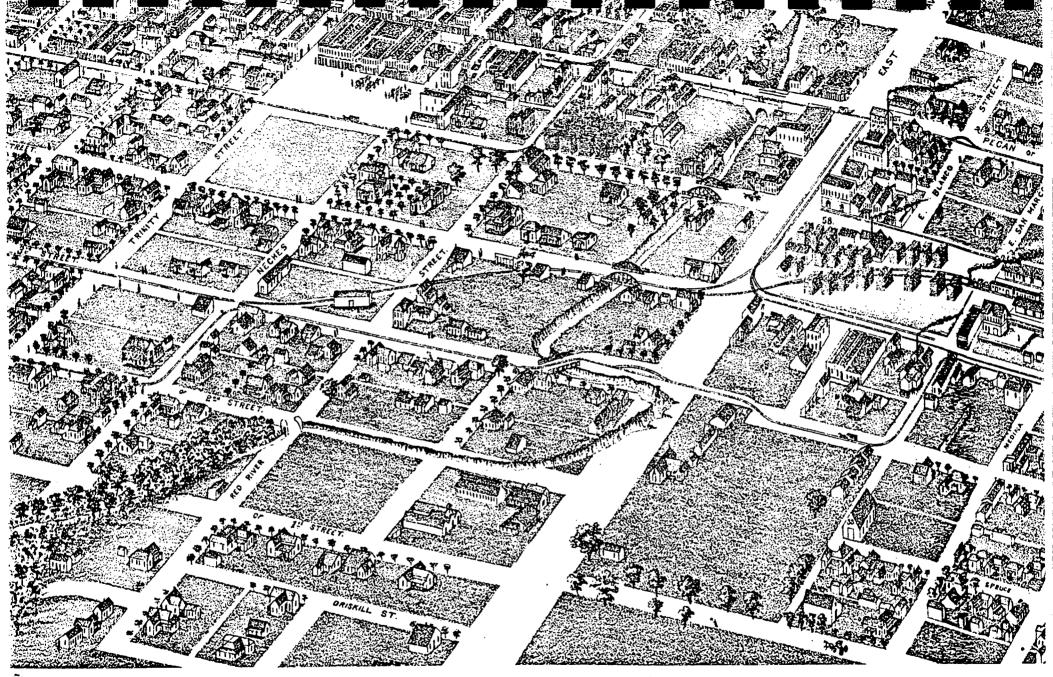
- 1. Carp, shad and stripped bass from Town Lake should not be consumed.
- 2. Persons who over a period of years have been regular consumers of fish from Town Lake should stop eating all fish from this source.
- 3. Persons regularly consuming species other than carp, shad and strippe bass should do so no more frequently than twice per month.

ATTACHMENT I

MAPS



Attachment I, Map 2. Ref. 4. Koch, Augustus. Historic Sanborn Fire Insurance Map of Austin - 1987. 3 pages.



AUSTIN,

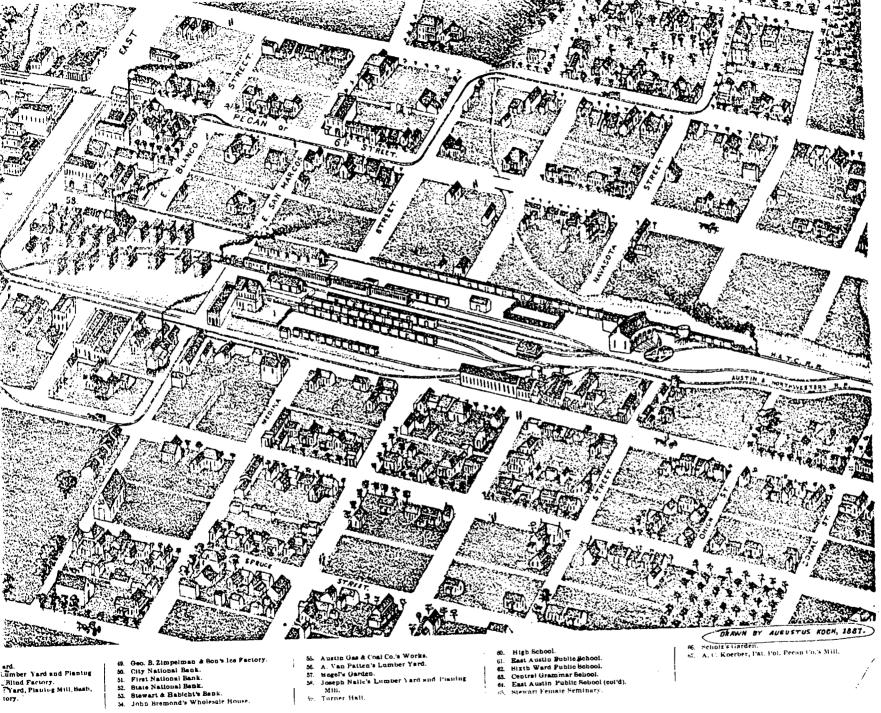
STATE CAPITAL OF TEXAS.

·ureh.

- 41. M. Kreisie Co., Furctiure and Carpet House. 42. A. Gardiner's Planing Mill, Sash, Door and
- Blind Factors and Lumber Yard.
- 43. Hotel Orr.
- Monroe Miller, undertaker and proprietor of Eclipse Stables.
- 48. Calcassieu Lumber Yard. 48. fs. W. French & Co's Lumber Yard and Plantug
- Mill, Sash, Door and Blind Factory.
 47. C. F. Millett's Lumber Yard, Pisuing Mill, Sash,
- Door and Blind Factory. Cotton tompress.

- 49. Geo. B. Zimpelman & Santaion Factory. 59. City National Bask.

- 51. First National Bank
- 52. State National Bunk.
- 53. Stewart & Habicht's Be



ard. Cumber Yard and Planting Blind Factory. FYard, Planting Mill, Bash, tory.

5s. Turner Hall.

determine when actualial rates apply to structures in the Zones where elevations or depths have been established.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at (800) 638-6620.



PPROXIMATE SCALE

800 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

TRAVIS COUNTY, TEXAS AND INCORPORATED AREAS

PANEL 205 OF 410

(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
AUSTIN, CITY OF	480624	0205	E
ROLLINGWOOD, CITY OF	481029	0205	E
WEST LAKE HILLS, CITY OF	481030	0205	£
UNINCORPORATED AREAS	481026	0205	E

Notice To User: The MAP NUMBER shown below should be used when placing map orders; the COMMUNITY NUMBER shown above should be used on insurence applications for the subject community.

> MAP NUMBER 48453C0205 E

,EFFECTIVE DATE: JUNE 16, 1993



Federal Emergency Management Agency

